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1	IN THE UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS	
2	MARSHALL DIVISION	
3	BRIGHT RESPONSE, LLC * Civil Docket No. * 2:07-CV-371	
4	VS. * Marshall, Texas	
5	* August 6, 2010 GOOGLE, INC., ET AL * 1:15 P.M.	
6		
7	TRANSCRIPT OF JURY TRIAL BEFORE THE HONORABLE JUDGE CHAD EVERINGHAM UNITED STATES MAGISTRATE THREE	
8	UNITED STATES MAGISTRATE JUDGE	
9	APPEARANCES:	
10	FOR THE PLAINTIFF: MR. ANDREW SPANGLER	
11	Spangler Law 208 North Green Street	
12	Suite 300 Longview, TX 75601	
13	MR. MARC A. FENSTER	
14	MR. ANDREW WEISS MR. ADAM HOFFMAN	
15	MR. ALEX GIZA Russ, August & Kabat	
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21		
22	COURT REPORTERS: MS. SUSAN SIMMONS, CSR MS. JUDITH WERLINGER, CSR	
23	Official Court Reporter 100 East Houston, Suite 125	
24	Marshall, TX 75670 903/935-3868	
25	(Proceedings recorded by mechanical stenography, transcript produced on CAT system.)	

1		
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1
   APPEARANCES CONTINUED:
2
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                                         60610
8
9
10
11
                        PROCEEDINGS
12
                  LAW CLERK: All rise.
13
                  (Jury in.)
                  THE COURT: Please be seated.
14
15
                  Who will be your next witness?
16
                  MS. DOAN: Your Honor, at this time, we
   call Rosanna Piccolo, Chase employee. We call her by
17
18
   videotape.
19
                  THE COURT: All right.
20
                  MS. DOAN: Your Honor, this does have
21
   both designations of the Plaintiff and the Defendant.
22
                  THE COURT: All right. If you will lower
23
  the lights, please.
24
                  (Video clip playing.)
25
                  QUESTION: Can you please state and spell
```

```
1
  your name for the record.
2
                  ANSWER: First name, Rosanna,
3
  R-O-S-A-N-N-A, last name, Piccolo, P-I-C-C-O-L-O.
                  QUESTION: Okay. If I refer to the '947
4
5
  patent, do you know what that is?
                           I believe it is the patent that
6
                  ANSWER:
  my -- my company, Chase Manhattan Bank, is part of with
  the work that I performed when I worked for -- when I
9
  worked for them.
10
                  QUESTION: Okay. And you understand you
11
  are a named inventor on the patent?
12
                  ANSWER: Yes.
                  OUESTION: What is the EZ Reader?
13
14
                  ANSWER: EZ Reader is the name of the
15
  application that was given to this software application.
16
                  QUESTION: The software application that
  was eventually patented in the '947 patent?
17
18
                  ANSWER: Correct.
19
                  QUESTION: Okay. What were -- what was
20
   your position at the time of the development of the EZ
  Reader?
21
22
                  ANSWER:
                           I was what you would call a
23
  project manager. I was the liaison between the
24
  business, who we were developing this application for
25
  within Chase, and the -- and the vendor that was
```

```
creating this application for us.
1
                  QUESTION: Was the EZ Reader application
2
3
  ever deployed at Chase?
                  ANSWER: Yes.
4
5
                  QUESTION: And when was that?
6
                  ANSWER: I believe it was either late '95
7
   or early '96.
8
                  QUESTION: And what -- what forms the
9
  basis for your recollection of that timeframe?
10
                  ANSWER: I know that I participated in a
   conference in '96, and I believe that the application
11
  was already up and running in what we would call a
12
13
  production environment.
14
                  QUESTION:
                            Okay. And was it being used
15
  to -- in this production environment, was it responding
  to e-mails from customers at that point?
16
17
                  ANSWER: Yes.
18
                  QUESTION: Okay. If you could look on
19
   the same page down, I guess, in the -- in the first
20
  paragraph here towards the middle in the abstract, it
21
   says: Phase 1 of EZ Reader was deployed in the first
22
   quarter of 1996 and handles up to 80 percent of incoming
23
  mail automatically.
                  You see that?
24
25
                  ANSWER: Yes.
```

```
1
                  QUESTION: Is -- is it your understanding
2
   that that is accurate?
3
                  ANSWER: I believe so.
                  QUESTION: Okay. And is this what you
 4
5
  were referring to earlier, when you were indicating that
  you thought that the EZ Reader had been deployed in this
6
   timeframe?
8
                  ANSWER: Yes.
9
                  QUESTION: Okay. Does this article
10
  that's in Cohen Exhibit 4 describe the EZ Reader product
   that was deployed in the first quarter of 1996?
11
                  ANSWER: To the best of my knowledge,
12
13
  yes.
14
                  QUESTION: Do you know why you were added
15
   as an inventor?
16
                  ANSWER: I believe because I was the
17
  project manager for Chase.
18
                  QUESTION: On the EZ Reader project?
19
                  ANSWER: Correct.
20
                  QUESTION: Referring to the EZ Reader, it
21
          The application combines preprocessing rules for
   parsing and case-based retrieval with a domain specific
22
  knowledge base. Other text interpretation applications
23
24
  have successfully used a hybrid approach.
25
                  Do you see that?
```

```
ANSWER: Yes.
1
                  QUESTION: Do you have any reason to
2
3
  believe that that is not accurate?
                  ANSWER: I -- I don't. I have no -- no
 4
5
              I really don't -- I don't know.
  comments.
                  QUESTION: And just -- and I just want to
6
  be clear, it's correct that the EZ Reader was used as
  Chase's external public e-mail system to respond to
9
   customers' e-mail prior to April, 1996?
10
                  ANSWER: Correct.
11
                  QUESTION: And so prior to April 1996,
  the EZ Reader would have been used to respond to real
12
13
  customers' e-mails?
14
                  ANSWER: Correct.
15
                  QUESTION: And by real customers, I mean
  the actual customers of Chase?
16
17
                  ANSWER: Correct. Customers or potential
18
  customers.
19
                  QUESTION: Prior to April 1996, the EZ
20
  Reader was receiving electronic messages from a source
   such as a customer, right?
21
22
                  ANSWER: Correct.
2.3
                  QUESTION: And is it your understanding
24
  that prior to April of 1996, that the EZ Reader would be
25
  interpreting electronic messages using rule-based and
```

```
case-based knowledge engines?
1
2
                  ANSWER: Yes.
3
                  QUESTION: And is it your understanding
  that prior to April of 1996, the EZ Reader would
4
5
  retrieve one or more predetermined responses
   corresponding to the interpretation of them by the
6
  rule-based and case-based knowledge engine for delivery
8
  back to the source, i.e., the customer?
9
                  ANSWER: Yes.
10
                  QUESTION: One of the things that you had
  mentioned before that the EZ Reader did was -- that --
11
  that sometimes the e-mail would be sent to a person to
12
13
   review and respond, and then sometimes it would be
  responded to automatically; is that correct?
14
15
                  ANSWER: Correct.
16
                  QUESTION: Okay. And was that true in
17
   the system that was deployed prior to April 1996?
18
                  ANSWER: Yes.
19
                  MR. WEISS: Before we continue, Rosanna
20
   wanted to clarify a prior question you had asked her,
21
   which was, was EZ Reader deployed prior to April 1996.
22
                  ANSWER: And I based my answer on what I
  recall, going to the conference, that AAAI conference in
23
24
  August, September, and along with the documentation that
   I -- that I reviewed, that I based my answer on that.
25
```

```
But I do not recall the specific month or day when it
1
2
  was actually put into production.
3
                             If you look in the abstract,
                  QUESTION:
  it says in the middle of the page there, Phase 1 of the
4
5
  EZ Reader was deployed in the first quarter of 1996, and
  handles up to 80 percent of the incoming mail
6
   automatically?
8
                  ANSWER: Correct. I see it.
9
                  QUESTION: Okay. And so -- so to the
10
  best of your recollection, that's accurate, right?
11
                           I cannot say for certain -- with
                  ANSWER:
12
   certainty exactly when it was deployed.
13
                  QUESTION: Do you recall whether
  Brightware made presentations to Chase on the EZ Reader?
14
15
                  ANSWER: Yes.
16
                  QUESTION: And how often did that occur?
17
                  ANSWER: This particular document, I see
18
   the Chase logo is different, so I don't know whether
19
   this was after the Chase/Chemical merger, because the
20
   logo was changed.
21
                  OUESTION: Uh-huh.
22
                  ANSWER: I know that we made
23
  presentations to the new technology management team that
   consisted more of Chemical Bank senior executives.
24
25
                  QUESTION: Okay. When did that merger
```

```
take place?
1
2
                  ANSWER: Oh, I believe '96, '97. I don't
3
  know specific -- specific dates.
                  QUESTION: On Rice 359, August 15th,
4
5
  1995, one of the -- one of the tasks for you, the third
  one down, says develop a document outlining decisions
  that need to be made regarding testing.
8
                  ANSWER: Yes, I see it.
9
                  QUESTION: Do you know what that is?
10
                  ANSWER:
                          Specifically, no. I believe it
11
   was a test plan, to develop a test plan, but
   specifically, no, I don't recall the exact document that
12
  was created.
13
14
                  QUESTION: Do you recall the timing of
15
  the test plan?
16
                  ANSWER:
                          No.
17
                  QUESTION: So it -- was it deployed at
  the time -- was EZ Reader deployed at the time this
19
  manual was created?
20
                  ANSWER: I believe so, but I cannot say
   with certainty specifically when it was deployed.
21
22
                  QUESTION: And then underneath it says:
   I acknowledge the duty to disclose all information known
23
24
  to be material to patentability in accordance with Title
25
  37, Code of Federal Regulations 156.
```

```
Do you see that?
1
                  ANSWER: Yes.
2
3
                  QUESTION: Were you aware of the scope of
   your duty to disclose pursuant to that title and section
4
5
  at the time you signed this?
                  ANSWER: I believe that before I signed
6
7
   it, it was reviewed by Chase Legal, and I was given the
8
   approval to sign it.
9
                  QUESTION: Okay. That's not really my
10
              My question is whether you personally
   understood what your duty was to disclose information
11
   under Title 37, Section 156 that's referred to there?
12
                  ANSWER: I believe so.
13
14
                  QUESTION: Why -- why do you believe
15
   that?
16
                  ANSWER: Why do I believe it?
17
                  It is not my practice to sign documents
18
   before understanding what they are or before obtaining
19
   prior approval.
20
                  QUESTION: I want to direct your
   attention back to what has been marked as Exhibit
21
22
   Cohen 5 as JP -- Production No. JPM30 on the front page
   of it.
2.3
24
                  And do you recall when -- referring to
25
   the AAAI conference, do you recall when that conference
```

```
took place?
1
2
                  ANSWER: I believe it was either August
3
  or September of 1996.
4
                  QUESTION: And are you basing that --
5
  that answer on reviewing the cover page, or is that just
  your general recollection of when you attended the
6
   conference?
8
                  ANSWER: It was based on looking on the
  search itself, on the internet.
9
10
                  QUESTION: So we've already established
11
   that you can with certainty that was done -- that was
  deployed before 2000.
12
13
                  Can you state with certainly that it was
  deployed as of the time you attended the AAAI conference
14
15
   in 1996, it being the EZ Reader software.
16
                  ANSWER: Yes, I believe so.
17
                  QUESTION: But prior to your attendance
   of the AAAI -- excuse me -- AAAI conference in 1996, you
19
  have no direct recollection of when the EZ Reader
   software was deployed, correct?
20
21
                  ANSWER: That is correct.
22
                  QUESTION: Okay. And this, again, is the
23
  AAAI article, correct?
24
                  ANSWER: Correct.
25
                  QUESTION: And you are listed as a -- an
```

```
author of the document?
1
                  ANSWER: Correct.
2
3
                  QUESTION: And do you have any reason to
  believe that the contents of Cohen Exhibit 4, this
4
5
  article, are incorrect?
                  ANSWER: No, I do not.
6
7
                  QUESTION: And if you had noticed
8
  something that was incorrect in a document that had your
  name on it, would it have been your normal practice to
10
  point that out and try to get it fixed?
                  ANSWER: Yes.
11
12
                  (End of video clip.)
                  THE COURT: Does that complete the offer?
13
14
                  MS. DOAN: It does, Your Honor.
15
                  THE COURT: Who will be your next
16
  witness?
17
                  MS. DOAN: Our next witness is Anthony
  Angotti, and he -- we had a problem with the last
19
  videotape, Your Honor, so we're going to read it in.
20
  It's really short.
21
                  THE COURT: Okay.
22
                  MS. DOAN: He's a Chase employee as well.
2.3
                  THE COURT: Are you going to be
24
  presenting?
25
                  MS. DOAN: I am going to do the questions
```

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and have Mr. Thames read the answers. Is that okay?
1
2
                  THE COURT: Well, for both sides of the
3
  case?
4
                  MS. DOAN: Yes, sir. That's my
5
  understanding.
                  THE COURT: All right. For convenience
6
  purposes, Ladies and Gentlemen, she's going to read the
  questions that were asked by both the Defense side of
   the case as well as the Plaintiff's side of the case.
9
10
  Let's proceed.
                  (Excerpt read.)
11
12
                  QUESTION: Good morning, Mr. Angotti.
13
                  ANSWER: Good morning.
14
                  QUESTION: Okay. Were you involved in
15
  the development of a product called EZ Reader?
16
                  ANSWER: Yes, I was.
17
                  QUESTION: What was your role in that
18
  project?
19
                  ANSWER: My role in that project is
20
  that -- that was one of the projects that I was -- I had
21
  management responsibility for.
22
                  QUESTION: Who was on the team that was
  working on EZ Reader?
23
24
                  ANSWER: I don't -- I don't think I can
25
  recall every name, but the main group that was working
```

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on it was Amy Rice, Julie Hsu, and Rosanna Piccolo.
2
  was also a part of that subteam. That was the main
  nucleus group that carried on the day-to-day kind of
  project.
4
5
                  There were other folks that got involved
  in the business unit and an IT group, but, you know,
6
  they played various support roles, project management
8
  roles.
9
                  Connie Lynch was part of the team, not EZ
10
  Reader per se, but she worked closely with Amy -- Amy
  Rice, on the list of products that we were working on.
11
12
                  QUESTION: And you said the EZ Reader was
  deployed by the first quarter of 1996; is that right?
13
14
                  ANSWER: Yes.
15
                  QUESTION: Okay. Understood.
16
                  You keep referring to the first quarter
            Do you have any more specific recollection of
17
   of 1996.
   the deployment date for EZ Reader?
18
19
                  ANSWER:
                           I do, yes.
20
                  QUESTION: What is that?
21
                  ANSWER: I recollect seeing a date in the
   AAAI article that was published. I think it was March
22
   20-something. So it was -- that's the date that I
23
24
  recall just having seen there, but I've always referred
25
  to it as the first quarter. That's consistent with my
```

```
project management.
1
2
                  QUESTION: Right. So based on your
3
  memory and recollection, is it consistent that -- let me
  start over.
4
5
                  Is this description consistent with your
  memory of where the project stood as of the first
6
  quarter of 1996?
8
                  ANSWER: It's not consistent with my --
9
  with my memory, because I had nothing to do with the
10
  corporate side. I -- that's just not -- you know, I
  didn't have any role with, you know, chase.com.
11
12
                  QUESTION: I see. So you're not in a
  position to say whether that happened or not?
13
14
                  ANSWER: That's correct. I am not in the
15
  position to say that. And, again, if this -- this
16
  document is on or before -- on or after the date that's
17
  written on here, it's -- again, my involvement was
18
  really tailing off there.
19
                  QUESTION: You have no reason to believe
20
   anything in this document is not accurate?
21
                  ANSWER: No.
                  OUESTION: Is that correct?
22
2.3
                  ANSWER: No.
24
                  QUESTION: I mean, focusing just on that
25
  paragraph then that we've been discussing?
```

```
1
                  ANSWER:
                           I just -- I don't have any basis
2
   to comment either way.
3
                  QUESTION: Got it. Okay.
             Do you recall if you reviewed the document
4
5
  before it was published or submitted to the AAAI?
                  ANSWER: Yes. I did review it. There's
6
7
   certain policies within Chase about documents that go to
  the external world, that they have to go through a
  process of being reviewed. And I was one of the
10
  reviewers.
11
                  QUESTION: So generally speaking, though,
  had there been something in your review of this document
12
13
   that jumped out at you as being not accurate with
  respect to EZ Reader, would you have made sure that was
14
15
   corrected before the article was sent outside the
16
   company?
17
                  ANSWER: Yes.
18
                  QUESTION: That's fine. Take your time.
19
                  Farther down in the paragraph, it says
20
   that Phase 1 of EZ Reader was deployed in the first
21
   quarter of 1996 and handled up to 80 percent of incoming
  mail automatically depending on message content.
22
2.3
                  ANSWER: Yes, I see that.
24
                  QUESTION: Is that consistent with your
  testimony earlier today that EZ Reader was deployed by
25
```

```
the first quarter of 1996?
1
2
                  ANSWER: Yes, it is consistent.
3
                  QUESTION: I believe this is the same
  thing we were just looking at. However, it has some
5
  handwriting on it.
6
                  ANSWER: The cover and -- and it has the
  date on the cover, on the front page as well. It looks
   like --
9
                  QUESTION: Oh, yes.
10
                  ANSWER: -- it's either August 18th, 1996
11
   or April.
12
                  QUESTION: On the first page of text --
13
   I'm sorry -- on the first page of text in the
  handwriting at the bottom, it says August 4th through
14
15
   8th, 1996.
16
                  ANSWER:
                          Okay.
17
                  QUESTION: Is that consistent with your
18
  memory and what it looks like on this first page?
19
                  ANSWER: No, but it makes sense it would
20
  be that. I just recall that it's in 1996. It's
   consistent with my recollection.
21
22
                  QUESTION: Did you provide any input on
  what was actually claimed in the patent?
23
24
                  ANSWER: Yes. In terms of what the
25
  patent is for?
```

```
QUESTION: Yes.
1
2
                  ANSWER: Yes.
3
                  QUESTION: Do you believe that Chase
  benefited by having deployed the EZ Reader system?
4
5
                           I believe that Chase benefited
                  ANSWER:
  from having EZ Reader deployed in the first quarter of
6
   1996 as follows: For me, the purpose of the deployment
  was to legitimize the application and to demonstrate
9
   under fire, if you will, that it was capable of doing
10
   the things that we were claiming that it would do and so
   that -- you know, in the word deploy, I mean, these
11
  words are used loosely based on, you know, who the
12
   orator is in terms of the words.
13
14
                  To me, deployed means implementing in
15
   ChaseDirect in a production environment to legitimize
   the application and to prove that it worked and to prove
16
   that it could get -- realize the benefits that we were
17
18
   claiming, and so that's what we did.
19
                  QUESTION: And when it was deployed, was
20
   it used to respond to actual --
21
                  ANSWER: Yes, it was.
22
                  QUESTION: -- e-mail messages, correct?
2.3
                  ANSWER: We needed to do that to
   substantiate the claims.
25
                  (End of deposition clip.)
```

```
1
                  MS. DOAN: Your Honor, that completes the
2
  proffer of Anthony Angotti.
3
                  THE COURT: Okay. Who will be your next
  witness?
4
5
                            Your Honor, we call Phil Klahr
                  MS. DOAN:
  by video as well, and he was the program director for
6
  the AAAI conference in 1996.
8
                  THE COURT: All right. Dim the lights.
9
                  MS. DOAN: And it's a Plaintiff's and
10
  Defense proffer, Your Honor.
11
                  THE COURT: Thank you.
12
                  (Video clip playing.)
13
                  OUESTION: You were involved at one time
  with a organization called the AAAI, correct?
14
15
                  ANSWER:
                          Right.
16
                  QUESTION: How long were you involved
  with the AAA -- AAAI?
17
18
                  ANSWER: As a member, I probably joined
19
   in graduate school. So probably in the late '60s, early
20
   '70s, 1970s. I was studying artificial intelligence.
21
   And I have a Ph.D. in artificial intelligence, so that
   was my principal organization that I was involved in.
22
   I also started working on their behalf, for example, in
23
24
  the various program committees, and one of them is the
25
  conference that you're interested in, the Innovative
```

Applications of Artificial Intelligence Conference. 1 And I was on the program committee of 2 3 that conference from about 1991 to 2000. And being on the program committee meant that I would review papers 5 for a conference and make decisions as to whether papers should appear in the conference or not. 6 7 OUESTION: What does AAAI stand for? 8 ANSWER: Originally, it stood for the 9 American Association of Artificial Intelligence, but it 10 became more of a global organization. So it's changed -- it did not change its acronym, but it changed 11 its name to Association for the Advancement of 12 13 Artificial Intelligence, also AAAI. 14 QUESTION: Can you give me a little bit 15 of an overview of the process of submitting a paper to the AAAI conference in hopes of being published? 16 17 ANSWER: Sure. The conference would 18 issue a call for papers, which was a description of what 19 the conference was looking for from the papers, an 20 address in which to submit your papers, and a date for 21 which those papers needed to be submitted. 22 Papers would then be sent to the 2.3 There was a program committee consisting of conference. 24 about eight to ten professionals, each of which would 25 independently review some subset of those papers.

```
paper typically had two reviewers.
1
2
                  And then the program committee would then
3
  meet together face-to-face and go through all of the
  papers, the reviews of the papers, and make a decision
5
  on each paper in terms of acceptance, rejection, or some
  other disposition.
6
                  The authors of the papers would then be
8
  notified, and for those papers that were accepted, they
  had to provide the final versions of their papers to the
10
  AAAI for publication in a book.
                  QUESTION: Were papers that were
11
  submitted to the IAAI kept confidential?
12
13
                  ANSWER: Yes.
14
                  QUESTION: Do you have any personal
15
  knowledge about the EZ Reader project?
16
                          No, other than what I've read in
                  ANSWER:
17
   the Rice paper.
18
                  QUESTION: So you agree that at least as
19
   of December 21st, 1995, Mr. Shrobe was likely aware that
20
   the EZ Reader project was not deployed at that time,
21
  correct?
22
                           I would agree with that.
                  ANSWER:
2.3
                  QUESTION:
                            Okay. Do you have any
24
  understanding of what Mr. Shrobe would likely have been
25
  aware of after that time, December 21st, 1995?
```

```
ANSWER: I do not.
1
2
                  QUESTION: You would agree that at least
3
   as of December 21, 1995, Mr. Shrobe encouraged a paper
   like the Rice article be submitted to the IAAI
5
   conference for consideration, correct?
                  ANSWER: Yes.
6
7
                  QUESTION: Do you have any personal
8
  knowledge as to whether Mr. Shrobe or anyone else
9
   actually checked to see whether the EZ Reader project
10
   described in the Rice article was deployed at the time
   of the PC meeting?
11
12
                  ANSWER: No, I do not.
13
                  QUESTION: Mr. Khlar, could you please
  describe the purpose of the IAAI conference?
14
15
                  ANSWER: Yes. The IAAI conference was
16
   created to showcase business uses of artificial
   intelligence technology. And the best way to do that
17
18
   was to have papers that described applications that were
19
   deployed in an operation within a business environment
   and that had achieved business success.
2.0
21
                  And by encouraging papers of that sort,
22
   it would broadcast to the business community the
  relevance and importance of using artificial
2.3
24
   intelligence technology in the business community.
25
                  QUESTION: Were you on the 1996 IAAI
```

```
committee that considered the EZ Reader article for
1
  publication?
2
3
                  ANSWER: I was.
                  QUESTION: Okay. I'd like you to look at
 4
5
  Khlar Exhibit 2, which is your declaration, and
   specifically at Exhibit A.
6
7
                  What's the title of this document?
8
                  ANSWER: The title is The Eighth Annual
9
   Innovative Applications of Artificial Intelligence
10
  Conference Call for Papers, Panels and Invited Talks.
11
                  QUESTION: Do you recognize this
12
  document?
                  ANSWER: I do.
13
14
                  QUESTION: Can you describe what the
15
  document is?
16
                  ANSWER: The document describes the goals
   of the IAAI conference, and more specifically, discusses
17
18
  the criteria for admission of papers to the conference
19
   and what the criteria are and what the program committee
   is looking for in papers for this conference.
20
21
                  It also lays out invitations for invited
   speakers that perhaps want to present or panels to
22
   organize for the conference, as well as laying out the
23
   dates of submission and the timetable and where to
24
25
  submit papers and suggestions for the conference.
```

```
QUESTION: Does this document describe
1
2
   the guidelines and requirements that would have been
3
  applied to the EZ Reader article that was submitted to
  the IAAI in 1996?
4
5
                  ANSWER: Yes, very specifically.
                  QUESTION: Do you see the heading in this
6
7
   document entitled IAAI Case Study Papers?
8
                  ANSWER: I do.
9
                  QUESTION: Can you please describe what a
10
   case study paper is?
11
                  ANSWER: Yes. As it says explicitly,
12
  papers must describe deployed applications with
  measurable benefits.
13
14
                  OUESTION:
                            And what does it mean to
15
  say -- or do you have any understanding of what this
  paper means when it says deployed applications?
16
17
                  ANSWER: Yes, I do. It means that
18
   applications are in use -- are being used in the
19
  business environment by corporations, so actually
   deployed, implemented, and in use in achieving benefits.
20
21
                  QUESTION: Did the IAAI have any
  requirements for publishing case study papers?
22
2.3
                  ANSWER: The requirements are laid out in
24
   this call for papers document.
25
                  QUESTION: And what are those
```

requirements? 1 2 ANSWER: The paper has to describe a 3 deployed application. Again, an application that's used in -- in business, not just being tested but actually in 4 5 use, and giving corporations some measurable benefits for those particular applications. 6 7 It also lays out pretty much an outline 8 of what the paper should be and what the different 9 components of the paper should be, namely, a description 10 of the problem, a description of the program, the use, the current use of the application and its payoff, how 11 it was built, what the development was like, and how the 12 13 application is being maintained now that it's in deployment. 14 15 QUESTION: Would the IAAI committee have considered a case study paper for publication if it had 16 reason to believe that the system had not been deployed? 17 18 ANSWER: For the 1996 conference, no. 19 QUESTION: For the 1996 conference, would the IAAI committee have considered a case study paper 20 21 for publication if it described a system that was being 22 tested with successful results but had not yet been deployed publicly? 23 No. 24 ANSWER: I mean, typically, the 25 recommendation would be to submit the paper again next

```
year once it was actually deployed.
1
2
                  QUESTION: Are there any circumstances
3
   under which the program committee would have waived its
   requirement that case study papers describe an
4
5
   application that was actually deployed?
                  ANSWER: Not in '96, no.
6
7
                  QUESTION: Were there any circumstances
8
   in 1996 under which the IAAI would have allowed a paper
9
   to be published if it had false or inaccurate
10
   statements?
11
                  ANSWER: Absolutely not.
                  QUESTION: How seriously did the IAAI
12
13
   consider its requirement to published papers to be
14
   factually accurate?
15
                          The IAAI organization is a
                  ANSWER:
   highly integrable organization, and there's no way they
16
   would publish a paper knowing that there was false
17
18
   information or inaccurate information in it.
19
                  QUESTION: And how seriously did the IAAI
20
   consider its requirement that published case study
   papers describe an application that had already been
21
   deployed in the field?
22
2.3
                  ANSWER:
                           It was a firm requirement.
24
   Those were the papers we were looking for, and that was
25
   whole purpose of the conference was to showcase deployed
```

```
applications.
1
2
                  QUESTION: Okay. I'd like you to please
3
  turn to Exhibit B in your declaration. Can you please
  describe what you're looking at?
4
5
                  ANSWER: I'm looking at the -- a copy of
  the EZ Reader paper that appeared -- it looks like the
6
  copy is directly from the proceed -- published
  proceedings of that conference. It lists page numbers
9
  as well. So it's a copy of the article from the
  proceedings.
10
11
                  QUESTION:
                            Was this paper accepted for
12
  publication by the IAAI?
13
                  ANSWER: Yes.
14
                  QUESTION: And do you have any
15
  understanding of when the IAAI would have met to decide
16
  whether or not to allow this paper to publish?
17
                  ANSWER: It would be March 1996.
18
                  QUESTION: Did this paper meet the
19
  requirements of the IAAI for publication?
20
                  ANSWER: It did.
21
                  QUESTION: Are you aware of the IAAI
  having any information that the statements in this
22
2.3
  article were false or misleading?
24
                  ANSWER: No.
25
                  QUESTION: Were you personally aware of
```

```
any false or misleading statements in this article?
 1
 2
                  ANSWER: No.
 3
                  QUESTION: Are you aware of any case
   study articles that were published by the IAAI in 1996
 4
 5
   that described a system that was not actually deployed?
                  ANSWER: No.
 6
 7
                  (End of video clip.)
 8
                  MS. DOAN: Your Honor, that completes the
9
   proffer of Phil Khlar.
10
                  THE COURT: Okay. Who will be your next
11
   witness?
12
                  MS. CANDIDO: Your Honor, Defendants call
   Chris Bakewell.
13
                  THE COURT: Mr. Bakewell.
14
15
                  Was this witness previously sworn?
                  MS. CANDIDO: I don't think he has been.
16
17
                  THE COURT: All right. Come around and
   allow Ms. Lockhart to administer the oath.
19
                  (Witness sworn.)
20
   WILLIAM CHRISTOPHER BAKEWELL, DEFENDANTS WITNESS, SWORN
21
                      DIRECT EXAMINATION
22
   BY MS. CANDIDO:
2.3
        Q. Good afternoon, Mr. Bakewell.
        A. Good afternoon.
24
25
        Q. Would you state your full name for the record.
```

- A. My name is William Christopher Bakewell. I go by Chris.
 - Q. Mr. Bakewell, please tell the jury where you are from and a little bit about yourself.
 - A. Well, I live in Sugar Land, Texas. I am married. I've been married for 18 years. I have three children, an 8-year-old boy, a 10-year-old girl, and a very complicated 13-year-old boy.
 - Q. What do you do for a living?
- 10 A. I am a management consultant. I -- I focus on 11 the valuation of intellectual property assets.
- 12 Q. Are you employed by a firm?

3

4

5

6

9

16

- A. I am. I work for a firm called Duff & Phelps
 where I am a managing director.
- 15 Q. What is your area of expertise?
 - A. My area of expertise is valuation of intellectual property rights.
- 18 Q. What is your educational background?
- A. Well, I received a bachelor's degree from
 Bradley University in Peoria, Illinois. That was in
- 21 business management and administration.
- I received a master's degree from the
 University of Maryland at College Park. That was in
 finance, an MBA in finance.
- Q. Did you receive either of those degrees with

honors?

1

2

3

5

6

- A. I did. They both were with honors. The undergraduate degree was with high honors, and then graduate school, I was a graduate fellow.
- Q. Have you been published in the area of intellectual property valuation?
- A. Yes, ma'am, I have. I've had several articles
 published on the valuation of intellectual property in
 peer-reviewed journals. I've also had articles
 published on licensing.
- 11 Q. And do you have a chapter of a book coming out 12 soon?
- 13 A. I do. It will be out in a couple of months.
- Q. Have you ever negotiated any real-world patent licenses?
- A. Yes, I have. In my career, in my 20 years
 that I've been working, plus or minus, I've spent about
 eight years in industry where I had responsibility for
 negotiating complex contracts, which included patent
 licenses.
- 21 And then in my career as a consultant, I
 22 advise companies as to decisions and financial aspects
 23 of license agreements.
 - Q. Do you have any professional certifications?
- A. Yes, ma'am, I do. I am an accredited senior

```
appraiser focusing on business valuation, and in
1
2
  particular, I focus on valuation of intellectual
3
  property rights and IP-rich businesses.
             I'm also a certified licensing professional.
4
5
  That's a designation from the Licensing Executive
   Society. It's the type of licensing that we're talking
6
   about here today.
8
             Have you been qualified as an expert witness
   in federal court before?
9
10
             Yes, ma'am, I have.
11
             And have you ever worked as an expert witness
   in a patent case with Google before?
12
             Yes, I have. I think three times.
13
        Α.
14
             This is your third time?
        Ο.
15
             Yes, ma'am.
        Α.
16
            Have you been asked to perform a damages
        Q.
   analysis in this case?
17
             Yes, I have.
18
        Α.
19
             Is your firm, Duff & Phelps, being paid for
   your time in connection with the case?
20
21
             My firm is paid $475 an hour for my time.
        Α.
             And what is the total amount that Duff &
22
2.3
   Phelps has billed in connection with this matter to
   date?
24
25
            Approximately $250,000.
```

- Q. Does your compensation in any way depend on the outcome of this litigation?
 - A. No, ma'am, not in any way.

3

7

16

17

18

- Q. Does the compensation of your firm, Duff & Phelps, depend in any way on the outcome of this litigation?
 - A. No, ma'am, not at all.

MS. MS. CANDIDO: Your Honor, Google

9 moves to qualify Mr. Bakewell as a qualified expert in

10 patent damages.

- MR. HUESTON: No objection, Your Honor.

 THE COURT: I will hear his opinion.
- Q. (By Ms. Candido) Mr. Bakewell, what was your assignment in this case?
- 15 A. Well, it was really twofold.

First was to review and analyze the opinions of Dr. Becker, and the second was to form my own opinions regarding damages in this matter.

- Q. And what are your opinions regarding damages in this matter?
- A. Well, my opinions are for a lump-sum royalty
 to the '947 patent for Google. The appropriate
 reasonable royalty is \$2.5 million. That's for the life
 of the '947 patent.
- And over the damages period, the six years

- from the alleged date of first infringement until today,
- 2 \$1.1 million.

3

- Q. Now, you understand, don't you, that Google believes that it does not infringe the '947 patent?
- 5 A. Yes, ma'am, I do.
- Q. And you understand that Google believes that the '947 patent is invalid, correct?
- A. Yes, ma'am.
- 9 Q. And you understand that Google believes that 10 there should be no damages in this case?
- 11 A. I do.
- 12 Q. Do you understand that?
- 13 A. Yes, I do.
- 14 Q. So why are you calculating damages for Google?
- A. Well, it's essentially an exercise in case the jury finds that there is validity, enforceability, and
- 17 infringement of the '947 patent.
- Q. So in the event that the jury finds that,
- 19 Google's asked you to present your view?
- A. Then there would be -- in the event, that's
- 21 correct. That's correct.
- Q. So in forming your opinions, you were asked to
- 23 assume that Google infringes the patent and that the
- 24 patent is valid; is that correct?
- 25 A. Yes, ma'am. That's an assumption that I have

made.

1

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8

- If the patent is not infringed or the patent is invalid, then what happens?
- Well, there's no damages. My testimony doesn't really matter.
- Like Dr. Becker, you've also issued expert reports and been deposed in this case; is that correct?
 - Α. Yes, I have.
- And can you give us an idea of the type and amount of information that you've reviewed in order to 10 form your opinions in this case? 11
- I can. I think of it in a couple of different 12 13 ways.
- First, back in my office, I think we have some 14 15 bankers boxes that have been floating around here in the courtroom. I have about 13 or 14 of those. And then a 16 lot of the documents that I have are electronic. 17
- 18 I had somebody in my office perform just kind 19 of a calculation as to how many pages there are, and he 20 said 30,000.
- 21 Q. And what type of information did you review? Dr. Becker explained the nature of the some of the 22 23 documents he looked at, didn't he?
- A. Yes. I reviewed the financial data, licenses, 24 25 a bunch of deposition testimony, correspondence, and

information like that.

1

2

3

4

- Q. And did you hear Dr. Becker testify when he was on the stand the other day?
 - A. Yes, ma'am. Yes, ma'am, I heard him.
- Q. Are there any points on which you actually agree with Dr. Becker?
 - A. Well, we're required to make some of the same assumptions, and so in that regard, I think that there are some points.
- Q. Now, Mr. Bakewell, you prepared some slides to use today to help you illustrate your testimony; is that right?
- A. Yes. Yes, ma'am, I have.
- 14 Q. I'd like to pull up the first of those.
- MS. CANDIDO: Ryan, could we have DX Demo
- 16 Slide 552, please?
- Q. (By Ms. Candido) Mr. Bakewell, using this
- 18 slide, can you tell us the areas in which you and
- 19 Dr. Becker agree?
- 20 A. Yes, I can. This provides, I think, a good
- 21 summary.
- First, as we discussed previously, we're both
- 23 -- Dr. Becker and I are both required to assume that the
- 24 '947 patent is valid, enforceable, and infringed. And
- 25 without this assumption, there's no damages.

```
We're both required to use the Georgia-Pacific
 1
  framework, and we both have.
 2
 3
             And I've assumed a July -- July 2004
   hypothetical negotiation date between Orion and Google.
 4
 5
             And that last bullet, that's the same date
        Q.
   that Dr. Becker assumed; is that correct?
 6
 7
        Α.
             Yes, ma'am.
 8
             Now, I would like you to explain to the jury
9
   some more significant disagreements that you have with
10
   Dr. Becker's analysis.
11
             And I think we have a slide on that as well.
12
        Α.
             Okay.
13
                  MS. CANDIDO: Ryan, if you could pull up
14
   DX Demo Slide 553, please.
15
             (By Ms. Candido) So would you please explain
16
   to the jury some of those more significant disagreements
   that you have with Dr. Becker?
17
18
        Α.
             Yes, I can.
19
             First, there is a transaction that occurred
   some six months prior to the hypothetical negotiation
20
21
   date where the '947 patent, along with 13 other patents,
   was sold for $1 million.
22
2.3
             I don't believe it's appropriate for
   Dr. Becker to ignore that transaction.
25
             I didn't see anyplace where Google -- where
```

```
Dr. Becker utilized any of Google's patent agreements,
1
2
   other than one, and that's the Stanford license, my last
  bullet. And that one we're going to discuss some issues
3
   with that. I don't think it's comparable at all.
4
5
             Then I think that Dr. Becker missed some
  pretty important business concepts, such as operating
6
   freedom and the idea of royalty stacking, which I'll
8
   explain.
9
        0.
             Is there one of these disagreements that's
10
   more important than the others?
11
             In my mind, there is, because Dr. Becker's
        Α.
   damages analysis is totally dependent on one license.
12
                                                            Ι
13
   think it's the last one. But I have it last, because
14
   there's some other things that I think that we'll
15
   discuss prior.
16
             But you believe that the Stanford license and
        Q.
   its treatment is your main point of disagreement --
17
18
        Α.
             Yes, ma'am.
19
        0.
             -- with Dr. Becker?
20
        Α.
             Yes, ma'am.
21
             Mr. Bakewell, you said that Dr. Becker ignored
22
   Orion's purchase of the '947 patent and 13 other patents
23
   for $1 million in January of 2004; is that right?
24
        Α.
             Yes.
25
                  MS. CANDIDO: Ryan, could we see DX Demo
```

Slide 556, please?

- Q. (By Ms. Candido) And were you referring to this January 2004 patent purchase agreement between Orion and Firepond?
 - A. Yes, ma'am. This is exactly it.
- Q. Why was this purchase agreement relevant to your analysis?
- A. Well, it's not very often in a patent
 infringement damages analysis that we have a data point
 like this where an asset is sold just months before the
 hypothetical negotiation is to occur.
- I think it's true, really, in any intellectual property valuation exercise.
 - And so when this type of data is available, I think it's very, very important and critical, and it provides important information as to the value of the asset.
 - Q. So, specifically, what did this purchase agreement tell you about the value of the '947 patent?
 - A. Well, since there were 13 other patents that were sold along with the '947 patent, we can make an assumption that all of the other patents are worth nothing. And if we make that assumption, the most the '947 patent can be worth is \$1 million.
- So under that reasoning, the most that the

'947 patent can be worth is \$1 million.

Mr. Bakewell, next on your list of disagreements with Dr. Becker was that he disregarded Google's real-world patent agreements.

What did you mean by that?

Well, there were a variety of licenses that Google produced, 10 to 15 licenses. And we heard Dr. Becker say that he didn't consider any of them as appropriate for his analysis. And I disagree.

I think there are some attributes of many of the licenses, and three of the licenses that are actually licenses and purchase agreements that are very important that make them comparable and informative of the reasonable royalty in this case.

- Backing up one step, could you explain to the jury what real-world Google license agreements you reviewed or you started your review with?
- Α. So as I understand it, Google agreed to Sure. 19 produce its patent licenses that relate to search, 20 advertising, and e-mail. And so that's where I began my 21 analysis, was to review all of those licenses.

22 MS. CANDIDO: Ryan, would you please put 23 up DX Demo Slide 558?

24

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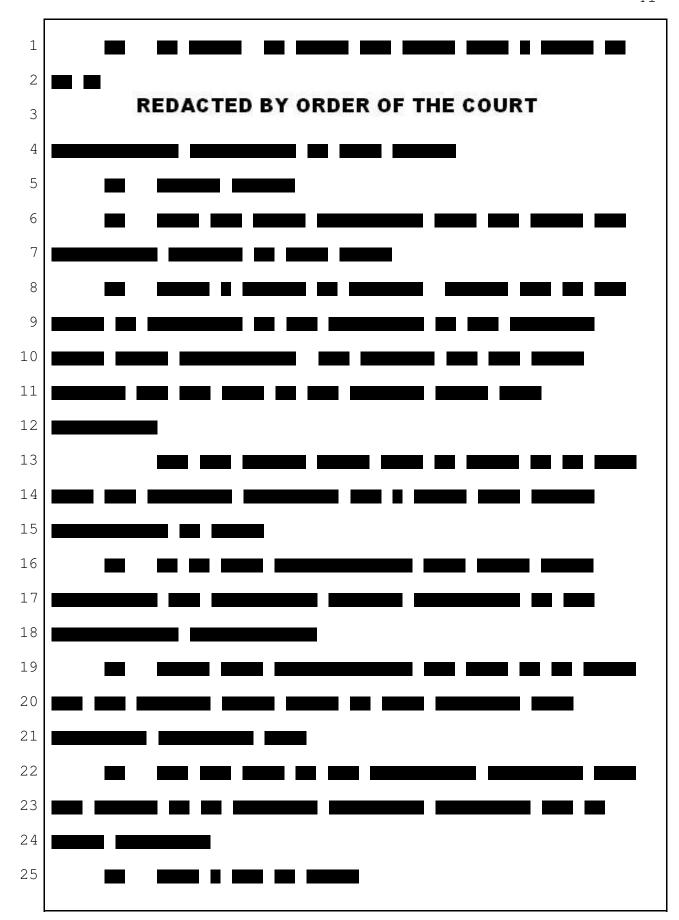
15

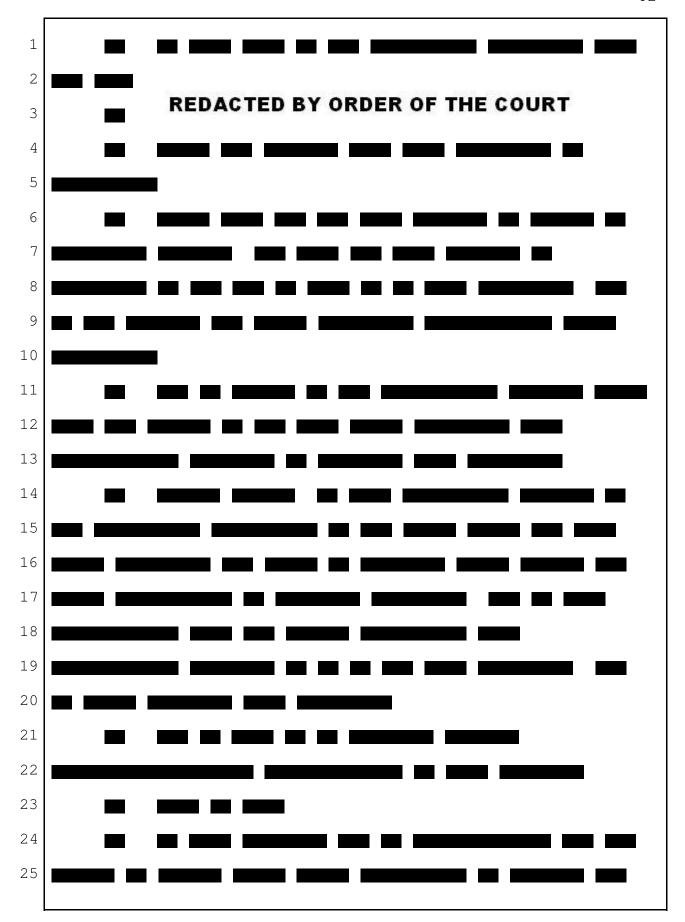
16

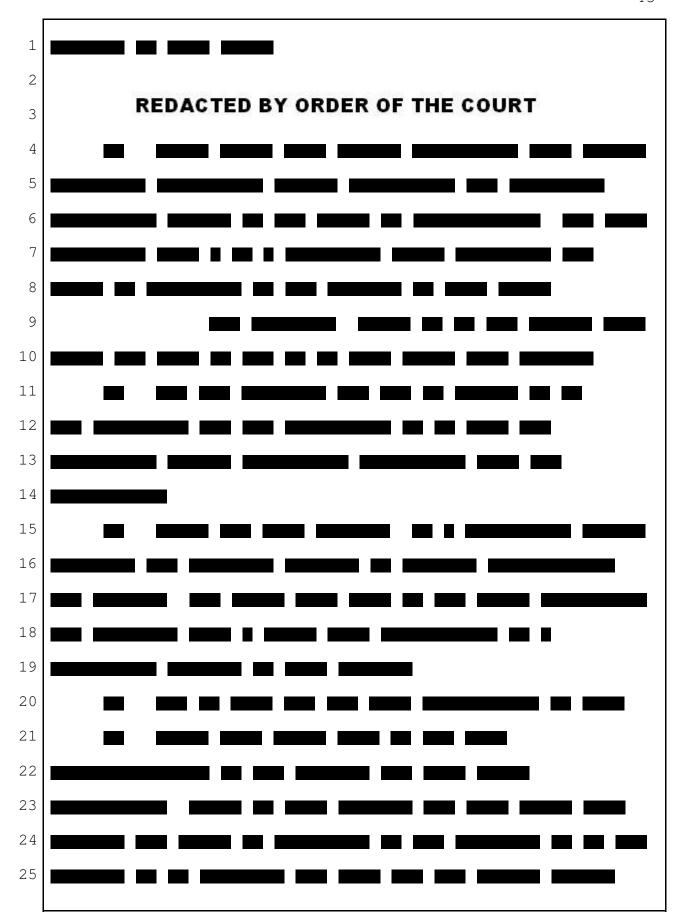
17

18

REDACTED BY ORDER OF THE COURT







1 2 REDACTED BY ORDER OF THE COURT 3 4 5 MS. CANDIDO: Ryan, would you please pull 6 up DX Demo Slide 560? (By Ms. Candido) Mr. Bakewell, would you Q. . please explain the calculations that you performed on this slide? 9 10 I have. In this slide, I'm comparing the 11 total royalties under the agreements that we just covered, the three most comparable and then the other 12 13 agreements to Dr. Becker's 64-million-dollar, at least, 14 damages opinion. 15 And I counted the number of times larger 16 Dr. Becker's royalty opinion is than each of these 17 agreements. 18 19 20 21 22 2.3 And just so we're clear, the licenses and the

Q. And just so we're clear, the licenses and the agreements listed on this slide, many of them included more than one patent; is that right?

24

- A. That's right. One example is this Disney
 agreement that included rights to 17 patents, not just
 one.
 - Q. And you haven't made any adjustment for that here in your calculation?
 - A. No, I haven't.

5

6

7

- Q. So it's a very conservative approach?
- A. In that way it is, yes.
- 9 MS. CANDIDO: Ryan, would you please pull 10 up DX Demo Slide 561?
- Q. (By Ms. Candido) Mr. Bakewell, would you
 - please explain to the jury what this slide shows?
- A. This slide shows Dr. Becker's damages opinion in a graphical format as to how much larger it is than each of the licenses that we saw before.
- You can see that the axis actually in order to make these agreements appear, I can only make it up to \$30 million, and Dr. Becker's damages opinion, as you know, goes well beyond that.
- Q. Mr. Bakewell, you also mentioned in your
 disagreements with Dr. Becker that operating freedom was
 a concept that Dr. Becker had ignored.
- What do you mean by that?
- A. Well, I believe that we -- we have some

 25 deposition testimony that explains that. I think that I

- can also explain it as well.
 - Q. Well, if you could just explain --
- 3 A. Sure.

2

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- Q. -- first what operating freedom is.
- A. So the concept of operating freedom is that when a company, particularly in a field where products change frequently -- we heard Mr. Huber and Mr. Furrow speak yesterday or two days ago about how Google develops its product and it changes them nearly every day, if not more than that.
- In a situation where products are changing all the time, what a company -- its rational objective in entering into a license agreement is getting as much freedom to operate as it can.
- So it wants to be able to either use or not use the technology and not have to worry about it.
- That's what's called in the industry freedom to operate.
- Q. Have you seen evidence in this case that
 operating freedom is important to Google and its patent
 licenses agreements?
- 22 A. Yes, I have.
- Q. And did you rely on any deposition testimony in that regard?
- A. This is what I was referring to earlier.

- Q. So this is Google's licensing witness, Jack Ancone, again?
 - A. Again, this is Mr. Ancone, yes.
- Q. And you had the portion highlighted that you were interested in. Could you explain that to the jury, please?
 - A. That's right.

He said two things. First, he considers and Google considers every license on a case-by-case basis. But what they have in the front of their mind is this business subject of operating freedom. And in his words, what he says is that they want the freedom to either do what they're doing what they have, or what they potentially would want to do in a particular space.

- Q. And you've been in Court for a couple of days. Have you heard any other testimony from witnesses that's relevant to the operating freedom importance to Google?
 - A. Yes, ma'am.

Mr. Huber described how Google's business is complicated and changes frequently and sort of puts that quote into context.

And then I think that Mr. Furrow, who testified after Mr. Huber, put kind of a practical tone on that in terms of how often he's involved in making changes to their products.

- 1 Q. Let's turn now to the Stanford agreement,
- 2 since that's your most important point of disagreement
- 3 with Dr. Becker.
- 4 A. Yes, ma'am.
- Q. Do you recall that when Dr. Becker testified,
- 6 he discussed converting an equity grant in the Stanford
- 7 license into a running royalty rate?
- 8 A. He did.
- 9 Q. Do you agree with that conversion?
- 10 A. No, ma'am, I don't.
- 11 Q. Okay. Let's take a look at the actual
- 12 Stanford license.
- MS. CANDIDO: Ryan, if you could bring up
- 14 DX Demo 174, please.
- 15 Q. (By Ms. Candido) Mr. Bakewell, do you
- 16 recognize this exhibit?
- 17 A. This is the Stanford license itself that's
- 18 been referred to fairly often, yes.
- 19 Q. Okay. Let's see what Google paid for the
- 20 rights that it got from Stanford.
- MS. CANDIDO: Ryan, to do that, would you
- 22 please display Page 6 of the agreement and highlight
- 23 Section 8?
- 24 Q. (By Ms. Candido) Mr. Bakewell, referring to
- 25 this paragraph, would you please -- or this section,

would you please explain to the jury what Google was paid for the rights -- excuse me -- what Google paid for the rights that it got from Stanford? Sure. And I think that we can walk through Α. this. It's pretty straightforward. It looks like a lot of words, but the numbers just sort of -- I think we can all follow them. REDACTED BY ORDER OF THE COURT

REDACTED BY ORDER OF THE COURT

2.3

- Q. Now, Dr. Becker valued the Stanford license differently, right?
- A. He did not value the Stanford license in the way that it's laid out in this agreement, that's correct.

Does the Stanford license itself contain any running royalty rate provisions?

A. No, ma'am, it doesn't. These are the royalty -- this is the royalty provision in the license itself, and there are no running royalties.

A. Well, this agreement was entered into in 1998, and this was the value of the compensation that the parties very clearly saw at that point in time, and it's laid out in the license itself.

It's just like if you own a stock. I've owned stock, and I remember in 2008, the value of my stock

went down. And the value of my stock was the value of my stock on that specific day. And that's a very important concept both in business and valuation, as well as damages analysis. The date of evaluation is critical for determining the value of an asset. Q. What's the appropriate date to use, with respect to the Stanford agreement, for when to calculate the value of that license to Stanford? This was in December of 1998, if I'm not mistaken. REDACTED BY ORDER OF THE COURT

REDACTED BY ORDER OF THE COURT Q. Now, again, just to be clear, did that other litigation relate to the '947 patent that's at issue here? No, ma'am, it didn't. Was AdWords the accused product in that other Q.. case? I don't believe that it was. Α. So putting aside you disagree with Dr. Becker 2.4 about the valuation of the Stanford license, do you

agree with Dr. Becker that the Stanford license is

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comparable to the hypothetical negotiation between
 1
 2
   Google and Orion?
 3
        Α.
            No, ma'am. I think it's very different.
 4
        Ο.
            Whv?
 5
             Well, there's a few reasons.
        Α.
 6
             First of all, the rights that were conveyed
  under this agreement were much broader than what I call
 8
  a straight patent license.
 9
             It included rights to much more than just one
10
  patent. I think that the technology even in that one
  patent was different.
11
12
             And I think that the date is an important
   consideration as well, in that it was a different point
13
14
  in Google's history.
        Q. You mentioned that the Stanford license
15
16
   conveys other technology other than the patent. I think
   you have a slide on that, so --
17
        A. I do. I think I actually had to use two
18
19
   slides, if I recall correctly.
20
        Q. Okay.
21
                  MS. CANDIDO: Ryan, would you please
22 bring up DX Demo 562.
2.3
            (By Ms. Candido) So this is an excerpt of a
  page from that Stanford license agreement; is that
```

right?

- A. That's right. These are lists in that agreement. It's an appendix that's explicitly called out as to the other rights that were licensed, and you can see there's a variety of other rights: Dynamic Data Mining, the PageRank Citation Ranking, the Google logo and name, which I think is important as well, some other technology and software.
- Q. So is the second-to-last bullet and the one above that talk about technology for scanning paper materials, such as books, and indexing them and then a clustering technology?
- 12 A. That's right.
- Q. Google got all of those rights?
- 14 A. They did.
- Q. The next slide that you have is DX Demo 563.

 So this is the next page of the Stanford agreement; is
- 17 that right?

features.

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- A. That's right. And it's continuing. There's even more rights that were conveyed under this
- 20 agreement: Source code and then some implemented
- 22 And then I think another important difference
- 23 in that -- in this agreement is that the patent
- 24 application that was conveyed, from that patent
- 25 application, six patents, I believe, eventually issued

- from it. And one of them was the '999 patent that we've heard people talk about.
- Q. You prepared a slide comparing what Google got in the Stanford license to what Google would get in the hypothetical negotiation with Orion, correct?
 - A. I believe that I have, yes.
 - Q. Okay.

- MS. CANDIDO: Ryan, would you please pull up DX Demo 564.
- Q. (By Ms. Candido) Would you please explain what you've done in this slide?
 - A. Okay. Well, this slide compares what's involved in a hypothetical negotiation that's setting on this, I guess, disk on the left or a disk that was part of a scale, a non-exclusive license to one patent, the '947 patent, whereas in the Stanford-Google agreement, which is here, there's the six patent applications.
 - And that's different in that it was an exclusive license to the six other -- the patent application that resulted in six patents.
 - And then I grouped these technologies into various buckets: Ordering technology, clustering technology; we saw the Google name and logo, as I'm working up; we talked about scanning and indexing technology, et cetera.

- Q. You mentioned that Google got an exclusive license in the Stanford agreement, but it would only get a non-exclusive license in the hypothetical negotiation.
 - A. That's right.

- Q. What impact would that have on your valuation?
- A. Well, exclusive licenses -- because if you -- if you license something exclusively as a company, that means you're the only company that can practice that technology, and you can distinguish yourself in the marketplace.
- So an exclusive license to a patent or any technology is more valuable than a non-exclusive license.
- Q. I believe Dr. Becker testified that he took
 this disparity into account. Did he do that correctly
 in your opinion?
- A. Well, he said that he did, but he didn't make any mathematical adjustments whatsoever in order to do that. So, no, he didn't do that correctly, to answer your question.
 - Q. So did the expert that -- the other Google expert that Dr. Becker referred to, when he converted the equity interest into a running royalty, did he make any adjustments to reflect for the difference between exclusive license and non-exclusive license?

- A. He did. He made a very specific adjustment.
 - And he also said something else, but let me start with the exclusive-to-non-exclusive adjustment.
 - He reduced the rate that he calculated from to half of 1 percent to a quarter of 1 percent just for that difference alone to say that: Look, an exclusive license is going to be more valuable than a non-exclusive license and I need to recognize that and
- 10 Q. So you took the rate from .5 to .25 percent?
- A. Just for the distinction between exclusivity and non-exclusivity alone.
 - And then beyond that, he said explicitly that there's other adjustments that would need to be made in order to make any point of comparison in order to account for these other things that are listed on this side of the scale.
- 18 O. But --

take the rate down by half.

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- A. And he said that he did not make those adjustments.
- Q. But Dr. Becker's range includes the half a percent, right? So it includes no adjustment at that point?
- A. It doesn't include any specific adjustment for exclusivity. He didn't testify about any specific

adjustment that he made at all.

- Q. Did you consider whether the patent application licensed in the Stanford agreement was comparable technology to the '947 patent?
- A. Well, I did. I considered it. I relied upon a couple of sources to make that determination, looking at it from a commercial point of view.
- Q. What was your determination about the technical comparability or not?
- A. Well, they're simply not comparable based upon the technical evidence that I've seen from technical experts and Google witnesses.
- Q. How important was the Stanford patent to

 14 Google's business from the evidence that you've seen?
 - A. They were very important. I think we heard Mr. Huber testify about how, in 1998, when the business was formed, this license was essentially at the very core of the very beginning of Google. And, in fact, I think he said that this was the fundamental technology that Google was formed upon.
- Q. Did you rely on any testimony from Mr. Ancone,
 Google's licensing witness, about the importance of the
 Stanford technology to Google?
- A. I did. He was asked about that as well. He's the licensing witness from Google again.

- Q. And I'll just read that to save a moment here.
- A. Okay.

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- Q. Page 86 of this transcript, Lines 20 to 24, he testified: Yeah. It's the license of technology to Google for the technology that Larry and Sergey invented while they were at Stanford University, sort of a foundational technology that the company was built on. And then on Page 87, Lines 6 to 8, he continued: It's my understanding that this technology is used in the
- Do you recall that testimony?
- 12 A. I do recall that.

core of our business.

- Q. You mentioned before, you also don't think the date is comparable between the Stanford and the hypothetical negotiation; is that right?
- 16 Α. That's right. Just to back up one other thing, I believe that Dr. Fox was asked, when he was on 17 18 the stand, about whether or not this patent was 19 comparable to the '947 patent, and he said no -- or the 20 patent rights that eventually became the '999 patent. And to go to the date -- I think I talked a little bit 21 22 about that previously -- in 1998, Google was a very, very different company than it was in July of 2004. 23
- 25 whereas the '947 patent was an incremental contribution

These rights were at the core of Google's business,

```
to Google by 2004 and an incremental contribution to a
1
2
  business that had evolved into something that was very,
3
  very sophisticated and well established.
             Okay. Did you review any of the licensing
4
5
  agreements that Orion, the other party in the
  hypothetical negotiation, entered into?
6
7
        Α.
             Yes, I did.
8
                  MS. CANDIDO: Ryan, could you display DX
9
   Demo Slide 573, please -- I'm sorry -- 575.
10
             (By Ms. Candido) And just briefly, would you
   describe what you've done in this chart, please.
11
12
             Sure. Let me get rid of these things.
        Α.
13
             Okav.
                    This lays out the compensation in the
14
   settlement agreements of the -- of Orion and other
15
   affiliated companies, I believe, that involved rights to
16
  their '947 patent.
17
             You can see it lays out the names of the
   companies that were the licensees and the amount of the
19
   lump-sum royalties that were included in the agreements,
   and the highest was 5 million, and the lowest was
20
   $38,000.
21
22
                  MS. CANDIDO: So, Ryan, would you please
23
  put up DX Demo 551.
```

Q. (By Ms. Candido) And just to summarize, it's your opinion that a reasonable royalty is less than 2.5

million; is that correct? 1 2 Α. That's right. And that's for the life of the patents? 3 0. Yes, ma'am, that's correct. 4 5 And what did you base that opinion on, just to Q. 6 summarize? Well, to summarize, it was my review of the Georgia-Pacific Factors. It's real-world evidence that 9 I reviewed, including actual licenses, a review of the commercial considerations, and other financial analysis. 10 11 All right. 0. 12 MS. CANDIDO: Pass the witness. THE COURT: Cross-examination. 13 14 MR. HUESTON: Thank you, Your Honor. 15 CROSS-EXAMINATION 16 BY MR. HUESTON: 17 Good afternoon, Mr. Bakewell. 0. Good afternoon. 18 Mr. Bakewell, let's turn for a moment to the 19 20 prior Firepond sale. It was a Mr. Croxall who sold the 21 '947 patent with some other patents, correct? 22 Α. Yes. 2.3 All right. Do you have any basis to believe 24 that Mr. Croxall knew, at the time he sold the Rice 25 patent, that Yahoo! was infringing the Rice patent?

A. Oh, no.

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- Q. And do you have any basis to believe that Mr. Croxall knew that Yahoo! was infringing the Rice patent at a rate of billions of searches a day?
- 5 A. No, I don't know. No.
- Q. All right. You would agree with the general principle that licenses entered into as settlements of litigation are often less probative of a reasonable royalty than non-settlement licenses, because they can be influenced by factors other than subject technology, correct?
- 12 A. Oh, yes, sir, absolutely.
- Q. All right. Now, despite that, you did, in fact, just show us a chart which had a list of settlement agreements.
- 16 A. I did.
- Q. And you actually put them all in a row from low to high, right?
- 19 A. I did. That's right.
- Q. And you created an average, right?
- 21 A. I believe that number was actually my damages
- 22 opinion --
- 23 Q. Okay.
- 24 A. -- the \$2-1/2 million.
- 25 Q. You would agree that trying to create some

```
sort of average of all those would be a bit like
1
   throwing apples and oranges into a blender, correct?
2
3
            No, I wouldn't agree with that analogy at all.
             Okay. Well, let's think -- let's look at that
4
5
   a little bit.
                  One of the settlement agreements in that
6
7
   chart, at the low end, was amazon.com.
8
                  You're familiar with that agreement,
9
   right?
10
             Yes, sir, I am.
             And you're aware that in that agreement, that
11
   the dollar amount of consideration agreed to was
13
   $400,000. That was on your chart, correct?
14
             That's right. It was for a part of Amazon's
15
  business, and it was $400,000.
16
        Q. All right. And I'll be looking for just a yes
   or a no to these.
17
18
             And you recall, sir, do you not, that the
19
   amount of infringing revenues, as stated in that
20
   agreement, was $4 million?
21
        Α.
             That's right. For that part of the business,
   that's right.
22
             So the $400,000 that was agreed to be paid was
2.3
   10 percent of the $4 million of infringing revenues.
24
25
            You agree that that math is correct, yes?
```

- 1 Α. Of those -- of those past revenues, that's 2 correct. 3 All right. Ο. That math is --4 Α. 5 And another --Q. -- the math. 6 Α. 7 And another settlement agreement -- lawsuit Ο. settlement agreement you considered was the eGain lawsuit settlement between Orion and eGain, which called 10 for a 10-percent running royalty, correct?
- 11 A. That was on that list, that's correct.
- Q. All right. Now, let's -- the total amount of Google's accused revenues in this case is approximately \$25 billion.
- You understand that, right?
- 16 A. Yes, I do.
- Q. And 10 percent of that amount would be approximately \$2.5 billion.
- Do you agree with that math?
- 20 A. That's the math, that's right.
- 21 Q. And you would also agree that that 10-percent
- 22 amount, 2.5 billion, is far higher than the
- 23 approximately 60 million to 120 million that Dr. Becker
- 24 has calculated as a reasonable royalty in this case.
- A. Oh, of course it's higher.

- Q. All right. And even if we cut that 10 percent all the way down to 2 percent, trying to do my math here, that's about \$500 million on the accused revenues, right?
 - A. I think I follow your math. That's correct.
- Q. All right. And that 500 million is still far more than the amount that Dr. Becker --
 - A. Oh, sure, absolutely.
 - Q. All right. Has done in this case. Thank you.

 Now, all other factors being equal,
- Mr. Bakewell, you agree that the more a company uses an invention, there is an upward increase in value,
- 13 correct?

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- A. That's right. If we set everything else aside and just look at that, I would consider that to be true.
- Q. All right. And for purposes of your calculation of a reasonable royalty in this case, you must assume that the Plaintiff is correct in asserting that the invention is used in the serving of every AdWords ad, correct?
 - A. I must assume infringement, that's correct.
- Q. All right. That, in fact, Google is using the invention every day, correct?
- A. That's the assumption, that's correct.
- Q. All right. And part of what you're trying to

- do is to make a comparison with the infringement, as accused, with other licenses in order to come up with a good comparable license, right?
 - A. Well, there's a comparison, that's correct.
 - Q. All right. And you talked about the Invenda licenses as being ones that you thought were more comparable, correct?
 - A. Those were two of the three. One was a purchase agreement, and one was a license.
- Q. All right. And, in fact, one contained -- one was called the Invenda-Google agreement and had two patents, the '991 and '996, correct?
- A. I think that was the license, if I recall correctly.
- Q. All right. And that license involved two patents, the '991 and '996, correct?
- 17 A. That sounds familiar, yes.

5

6

- Q. Okay. And you do not know Google's total revenues from products practicing or using the '991 invention, correct?
- 21 A. That's correct. I would agree with that.
- Q. And you do not know Google's total revenues
 from products practicing or using the '996 invention, do
 you?
- 25 A. I agree with that statement. What you said is

correct.

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- Q. And you do not know for certain, sitting here today, whether Google has ever used the '991 or the '996 invention, correct?
 - A. I think that's true as well.
- Q. All right. And unlike the assumption you must make for the patent in this case, you do not know whether every dollar of AdWords has been generated with the aid and assistance of the Invenda patents, correct?
- 10 A. That's true.
- 11 Q. All right. Let's turn to the Meyer-Google 12 agreement.
- Sir, you do not know if the Meyer patents are used in every Google search, correct?
- 15 A. That's true.
 - Q. And you do not know whether Google practiced the Meyer patent at the time it acquired them, correct?
- 18 A. I agree.
 - Q. And unlike what you must assume in your damage analysis in this case, you do not know whether every dollar of AdWords has been generated with the aid and assistance of the Carl Meyer patents, correct?
- 23 A. I agree with that, yes.
- Q. All right. I'd like to put up a list of the comparable agreements that you mentioned.

```
1
        A. Okay.
                  MR. HUESTON: If we could have that up.
2
3
  And I think we have a copy of the slide. Ah, let me see
  if I need to push the magic button.
4
5
                  COURTROOM DEPUTY: It's on.
6
                  MR. HUESTON: It is already switched.
7
   Thank you very much.
8
        Q.
             (By Mr. Hueston) And this is a list that you
  prepared of what you felt were the comparable
10
  agreements, correct?
             I recognize that, yes.
11
        Α.
12
        Q.
             All right. For each one, can you tell the
13
   jury exactly how much, if at all, Google was using the
14
  patented invention at the time of the license?
15
             Oh, not specifically. As I mentioned, what
16
   they purchased with these licenses was the freedom to
   operate and the freedom to not have to measure that, in
17
  fact.
18
19
            Okay. So, sir, you cannot tell the jury how
20
  much, if at all, Google was using the patented invention
   at the time of license.
21
22
             I agree. We discussed operating freedom, and
        Α.
23
   I agree.
24
        Ο.
            Let's go to the demonstrative.
25
             So --
```

MR. HUESTON: Next slide. 1 2 (By Mr. Hueston) And so I'm putting a no 3 there, and you do not know and can't tell the jury the total amount of use by Google of these inventions listed 5 in these comparable licenses, right? That's right. All I know is that Google --6 Α. 7 THE COURT: Do you know or not? 8 Α. That's right. I agree with him. 9 Q. (By Mr. Hueston) Thank you. 10 Now, you also presented the jury with a list of items that you said were contained in the Stanford 11 agreement. You had a -- kind of a stack of boxes. 12 13 Do you remember that --14 Yes. Α. 15 -- slide? 0. 16 And you put the Rice invention as one little box next to it, correct? 17 18 Α. Yes. 19 Now, each of those boxes, I noticed, were 20 exactly the same size, right? 21 Α. That's -- that's correct, yes. 22 All right. Now, that was about 10 boxes you put there on the Google - Stanford-Google agreement, 23 24 right? 25 I agree. That sounds correct.

- All right. You did not attempt to value each 1 Q. of the ten items to determine if they were as valuable 2 3 as the Rice invention --No, sir. 4 Α.

 - -- in this case --Q.
 - No, sir. Α.

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18

0. -- correct?

Sorry. Just for the record, if I could finish my question.

- 10 I'm sorry. I thought you were finished.
- All right. And in fact, you knew, when you 11 made this chart and the calculations, assuming a 1/1013 valuation, that they did not have equal value, correct?
- 14 They likely don't have equal value, that's 15 true.
 - So you don't mean to tell this jury that your math that you've come up with is based on an actual assessment of value of each of those ten factors, right?
- 19 That slide is not to convey that the 20 value was equal, that's correct. I agree with you.
- 21 Q. Right. And that Stanford agreement had ten 22 items, one of which was the Google -- Google logo, 2.3 correct?
- 24 Α. That's right.
- 25 And this is back in 1998 when Google was still

```
1
   coming out of its garage, right?
             We've got a picture of the garage -- I think
2
3
   you were here in opening statements -- that your counsel
   showed.
4
5
        Α.
             I was. I remember, yes.
             And tell the jury how much the Google logo was
6
   worth when those folks were sitting in their garage in
8
   1998.
9
        Α.
             Well, I can't provide a specific valuation of
10
   it --
11
             You don't know.
        0.
12
            -- as I sit here today.
        Α.
             You don't know.
13
        0.
14
             No, I don't. That's correct.
        Α.
15
             All right. Let's turn to a different topic.
        Q.
16
             Google, in fact -- let's strike that.
17
             You are aware that Mr. Wagner, an expert hired
18
   by Google in another patent litigation case, found that
19
   it was acceptable to convert an equity interest into a
20
   running royalty, correct?
21
             That's right.
        Α.
22
             All right. And like Dr. Becker in this
   lawsuit, Mr. Wagner applied his conversion methodology
23
24
   to the Stanford patent in that other case, correct?
25
        A. That's right.
```

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All right. And you would agree that an expert
 1
 2
   should not adopt or reject a finance theory depending on
 3
  which side hires him.
             You agree with that, right?
 4
 5
             That's true, absolutely.
        Α.
             Okay. And you would also agree that an expert
 6
   should never use a flawed or erroneous finance theory
   just to try to convince the jury that the other side is
9
   wrong, right?
10
             Oh, absolutely. I agree.
11
             Okay. All right. Let me ask you this:
12
   you have testified as -- in, I think, three other trials
13
   before this, correct?
14
             That's true.
15
             And in one of those trials, you testified on
   behalf of Plaintiff, and in that trial, you --
16
17
                  MR. HUESTON: I'm sorry.
18
                  THE COURT: Just a second.
19
                  MR. CANDIDO: Our objection is it's not
20
   appropriate to be referring to other litigation.
21
                  THE COURT: Well, approach.
22
                  (Bench conference.)
2.3
                  THE COURT: What do you intend to ask?
24
                  MR. HUESTON: I'm going to ask him if he,
25
   in fact, recommended a form of running royalty in one of
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the trials that he did, and I'd like to ask, without
  reference to the name of the case, the amount as well,
3
  the amount in another plaintiff's trial, compared to
   what he has done in one defense trial and this case.
5
   It just goes to bias, Your Honor.
                  THE COURT: Okay. I'll allow that, and
6
7
   you can address it on redirect, Ms. Candido.
8
                  (Bench conference concluded.)
9
        0.
             (By Mr. Hueston) Mr. Bakewell, in one of the
10
   prior trials that you testified on behalf of plaintiff
   for, you testified that a form of running royalty was
11
12
   appropriate.
13
        Α.
             Yes. Yes, I did. That's right.
14
             Okay. And, in fact, that -- in that case, you
15
   testified that a total amount of 140 to 180 or $190
16
   million was the range that would be appropriate in that
   case, right?
17
18
        Α.
             That's right.
                            That sounds about correct, yes.
19
             And in another case where you testified on
   behalf of plaintiff, you testified that the amount of
20
21
   money that would be appropriate to award the plaintiff
   in that was on the order of 20 to $25 million,
22
23
   correctly --
24
        Α.
            Yes, sir.
25
        Q.
             -- correct?
```

- 1 Α. Yes, sir. 2 Q. Thank you. 3 You testified in one trial, before this one, on behalf of defense, right? 4 5 Α. Right. And in that case, you testified that the range 6 7 of appropriate damages in that case would be, low end 5 or 600,000, up to close to a million dollars, right? 9 That sounds about correct, yes, sir. 10
- And here, sir, in this trial, your fourth trial, you're testifying on behalf of defense. 11
- 12 That's correct. Α.
- 13 And you're testifying that the range should be 14 somewhere of 1 to 2 million or so dollars, right?
- 15 1 to 2.5 million, yes, sir.
- 16 Q.. All right. Thank you.
- 17 MR. HUESTON: No more questions.
- 18 THE COURT: All right. Redirect?
- 19 REDIRECT EXAMINATION
- 20 BY MS. CANDIDO:
- 21 Mr. Bakewell, Mr. Hueston was just asking you
- about testimony that you've given in prior cases --22
- 2.3 Α. Yes.
- 24 -- where you determined that a running royalty
- 25 was appropriate.

Were the circumstances of those cases different than this case?

- A. They were very different. The licenses in that case that the parties produced and the practices were of a running royalty in that matter.
- Q. So in those prior times when you've opined that a running royalty was appropriate, that was consistent with the practices of the parties to the hypothetical negotiation?
- 10 A. That was consistent with the practices of the 11 parties, that's correct.
- Q. Mr. Hueston also asked you about your knowledge of the revenue base with respect to Google's license agreements or patent agreements.

Do you recall that?

16 A. Yes, I do.

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- Q. Does it concern you that you don't know exactly how many dollars of AdWords' revenue was associated with each of those licenses?
 - A. No, not at all. In fact, that's why I discussed the concept of operating freedom. Google, when it enters into license agreements, that's exactly the right that it purchases, is to use the technology or to not use the technology, so it doesn't have to track its usage and can focus on developing new products.

- Q. Is it unusual that a company wouldn't know what the revenues are that are associated with every patent that they license or own?
- A. No, it's not unusual at all. It's normal practice.
- Q. Mr. Hueston also asked you whether you had any knowledge about whether Orion knew about Google's infringement in January of 2004 when it purchased the patents from Firepond.
- 10 Do you recall that question?
- 11 A. That's right.

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2.3

- Q. Now, the hypothetical negotiation date in this case is July of 2004, right?
- 14 A. That's right. It's six months afterwards.
- Q. And that July 2004 date is supposed to be the date that Plaintiffs contend Google first started to infringe the patents; is that right?
- 18 A. That's correct.
- Q. So do you understand his question about whether Google's infringing in January of 2004?
 - A. It's a bit of an odd premise. I think I understood the question, but it's not a premise if accused infringement occurred after the date that the patents were acquired.
- 25 Q. So by definition, what Plaintiffs are

contending, Google wasn't infringing in January of 2004.

- A. I would agree with that, yes.
- Q. Mr. Hueston also asked you about some of the lump-sum settlement agreements that Orion had previously entered into.

Do you recall that?

A. I do.

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22

Q. And he derived some royalty rate based on the lump-sum amount and stated amount of a previous use.

10 Do you recall that?

- 11 A. I recall those, yes.
- Q. Is it appropriate to consider only the revenue base that was previously at issue to calculate a running royalty rate from those licenses?
- 15 A. No, sir, not -- or no, ma'am, not at all.

 16 Those agreements were for -- they were for the lives of

 17 the patents, and the revenues in those agreements were

 18 historical revenues.
 - And so in order to do a calculation as

 Mr. Hueston suggested, you need to include all of the
 revenues, and that information simply is not provided in
 the license.
- It's clear that that rate, to the extent that
 there is a running royalty rate that could be equated,
 is going to be lower and could potentially be much, much

lower.

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- Of all of the evidence discussed here today that you've observed in Court, in your opinion as an appraiser and certified licensing professional with over 20 years of business experience, what is the single most relevant data point that the jury should consider in any reasonable royalty analysis in this case?
- Α. It's any past transaction involving the 9 specific asset. So in this case, it's the sale in 10 January of 2001.
- O. And that's the sale for a million dollars for 11 12 14 patents?
- 13 \$1 million for 14 patents, that's correct.
 - Have you seen any evidence in this case that Google would have agreed, in the hypothetical negotiation to pay Orion over 65 times as much money for a license to the '947 patent as Orion had paid to buy the '947 patent and 13 other patents only five months earlier?
- 20 Α. I've seen no evidence that would support that 21 at all.
- 22 Have you seen any evidence in this case that Q. supports a royalty to Bright Response of 64 to \$128 23 24 million for a six-year license?
- 25 Α. None.

```
Have you seen any evidence in this case that a
 1
        Q.
 2
   license to the '947 patent is over 15 times more
 3
  valuable to Google than the $3.55 million that Google
   paid to purchase three advertising patents from Carl
 5
  Meyer?
             No, ma'am, none.
 6
        Α.
 7
             If all the accused Google products are found
        Q.
  to infringe Bright Response's patent and Bright
  Response's patent is found to be valid, in your opinion,
10
   what is the maximum reasonable royalty that the jury
11
  should award?
12
        A. $2.5 million.
13
             Thank you.
        0.
                  THE COURT: Additional recross?
14
15
                  MR. HUESTON: No more questions, Your
16
  Honor.
17
                  THE COURT: All right. You may step
18
   down.
19
                  THE WITNESS: Thank you.
20
                  THE COURT: Who will be your next
   witness?
21
22
                  MR. ROOKLIDGE: Yahoo! calls Mary
23
   Woodford, Your Honor.
24
                  THE COURT: All right. Proceed.
25
     MARY WOODFORD, DEFENDANTS' WITNESS, PREVIOUSLY SWORN
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DIRECT EXAMINATION

BY MR. ROOKLIDGE:

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- Q. Good afternoon, Ms. Woodford.
- A. Good afternoon.
- Q. Now, we've been, at the beginning of each witness' testimony been, giving them an opportunity to identify themselves, tell us a little bit about themselves before they start.
- 9 But from your accent, I suggest that, even 10 more so than me, you're not from around these parts.
- 11 Why don't you tell us about yourself?
- A. Well, my accent is somewhat described as the mid-Atlantic. My father was English. I'm an American citizen, but I was born in Germany and lived in Europe until I was 13; hence the accent.
- Q. Okay. Why don't you tell us what you do for a living.
- A. Well, I -- my current role is as a senior
 advisor with an economic consulting firm. I'm based in
- 20 Washington, D.C. The firm is called Cornerstone
- 21 Research. I'm currently the head of its intellectual
- 22 property practice noted up here on the slide as IP,
- 23 abbreviated.
- I have been with the firm for eight years. I
- 25 have been in the business of assessing damages in

- complex commercial litigation for more than 21 years.
- 2 And before that, I worked in a corporate environment in
- 3 various financial functions for 10 years, both here in
- 4 the U.S., as well as overseas.
- Q. And have you engaged in any practices relating
- 6 to patent damages besides your work at Cornerstone
- 7 Research?

- 8 A. I have written articles on -- on -- in patent
- 9 damages, as well as other intellectual property damages
- 10 and some licensing issues. I have given presentations
- 11 to business and legal audiences on those kind of
- 12 subjects.
- I also had the privilege last year of
- 14 participating as a panel member on a project that was
- 15 trying to put together information for federal district
- 16 court judges on issues that arise in the trial of the
- 17 patent damages case.
- 18 Q. Are you a member of any professional
- 19 associations?
- 20 A. I am. I'm an associate member of the American
- 21 Bar Association, and particularly, the IP section.
- 22 I told Mr. Hueston at my deposition that I'm not sure
- 23 that I've renewed my membership, and we've been so busy
- 24 for the last two weeks that I still have to say with
- 25 that cautionary note, but it's certainly my intention,

```
if I haven't.
 1
             And I'm a member of the Licensing Executive
 2
 3
   Society.
             And have you been engaged by Yahoo! to present
 4
 5
   an infringement -- an opinion on damages in this case?
             Yes, I have.
 6
        Α.
 7
             And have you indeed formulated an opinion?
        Ο.
 8
        Α.
             I have.
 9
             Now, have you ever been qualified as an expert
   witness in federal court before?
10
            Yes, I have.
11
        Α.
             And is that in patent damages cases?
12
             In both patent damages and in other kinds of
13
14
   commercial disputes, such as breach of contract.
15
                  MR. ROOKLIDGE: Your Honor, Yahoo!
   proffers Mary Woodford as an expert on patent damages.
16
17
                  MR. HUESTON: No objection, Your Honor.
18
                  THE COURT: All right. We'll hear her
19
   opinion.
20
             (By Mr. Rooklidge) Ms. Woodford, by expressing
   an opinion on damages, are you meaning to suggest that
21
22
   Yahoo! is somehow liable for patent infringement in this
2.3
   case?
24
             No, I'm not. Excuse me. As you heard
25
   Mr. Bakewell say and as you heard Dr. Becker say
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yesterday, all three of us have to make the same assumption for the purpose of our analysis, which is that there has been a finding of infringement and validity with respect to the '947 patent.

That doesn't mean we believe it to be the case; it just means that if that were not so, our analysis would be beside the point. It's just a point of departure.

- Q. Are you going to be offering any opinions on technical issues in this case?
- 11 A. No, not at all. To the extent that I sought
 12 technical support in my work, I -- I had occasion to
 13 consult with and read an expert report written by
 14 Professor Allan, who spoke here this morning.
 - Q. Now, let's move into the substance of what you're going to be talking about.
 - We've had some discussion of it already, but from your perspective, could you tell us about what the hypothetical negotiation is.
- A. Well, you probably all know pretty much what it is by now, but, in essence, Bright Response has accused Yahoo! of infringing the '947 patent as of April 23 2004.
- So my analysis goes to the question of, if 25 Yahoo! and Bright Response, actually, Orion, who owned

the patent at that time, had sat down around that date or shortly before that date to negotiate terms of compensation for a license to the rights -- for the right to use that patent, the hypothetical negotiation would form a construct for that situation.

- Q. And we've heard some discussion with regard to the Georgia-Pacific case and the Georgia-Pacific Factors. Have you looked at those in this case?
- A. I have. It's standard practice to look at those factors in pretty much any assessment of a reasonable royalty.

As you've heard others say, some are more
important than others in an individual case, but I have
looked at all of them.

- Q. Now, have you condensed those factors down on a slide that focuses on the most important ones for this case?
- 18 A. I have, yes.

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In particular, the ones that I think are important is making sure that we give full consideration to the available license agreements, both those for Orion and other entities affiliated with the Plaintiff that are -- and Bright Response.

Also, the value that Yahoo! has paid, not charged, as a licensor, but for comparable licenses.

A key question here is also the apportionment of revenue and also profit, which I should have put up on the slide. That gets to the question of what exactly does it benefit Yahoo! for the presumed use of the '947 patent.

2.3

In this case, as you heard Mr. Bakewell say a moment ago, we also have a unique fact, which is we have a real-world transaction, an arm's-length transaction, to purchase the '947 patent, along with 13 other patents and associated applications.

- Q. Well, now, you mentioned apportionment of the revenue. What -- what is the importance of that?
- A. Well, the key question that we have to address here is, what exactly is the value that the presumed use of the '947 patent adds to Yahoo!'s Sponsored Search.

And in looking at that, you have to take into account assets and abilities and capabilities that Yahoo! also brings to the table, and also uniquely in this situation, the admitted fact that the Sponsored Search business was up and running and very successful even before the alleged infringement began.

- Q. Why don't we shift gears a little bit and talk about Dr. Becker's analysis.
- MR. ROOKLIDGE: If you would put up the 25 next slide.

- Q. (By Mr. Rooklidge) Have you heard Dr. Becker's testimony at trial here this week?
 - A. Yes, I have.
 - Q. Do you agree with his opinion?
- 5 A. I do not.

- Q. And why don't you agree with his opinion?
- A. Well, this slide summarizes a number of high-level points of disagreement.

I disagree with Dr. Becker that there is any justification for a running royalty rate based on Yahoo!'s revenues.

Secondly, I think he came to a conclusion about a specific royalty rate. I have seen no basis in the evidence for the rate that he finally comes to.

As you heard him testify yesterday, and we'll talk about it a little bit more, he has not done any apportionment analysis in a way that I consider a true reflection of the analysis that should be done.

We also, just as a point of reasonableness, have the point of -- the framework that -- I'm sorry -- the data point of the purchase of the '947 patent, along with other patents, just four months before the hypothetical negotiation.

And then finally, there are a number of previous licenses and other agreements that both Yahoo!

and the Plaintiff had entered into with respect to the '947 patent on the Plaintiff's behalf, and he has paid very little attention to those.

- Q. Now, you mentioned this one factor here, far out of balance with the purchase agreement. Is that the Firepond purchase agreement that Mr. Bakewell discussed in detail during his testimony?
- A. Yes, it is. And as he mentioned, and you've heard before anyway, the purchase of the '947 patent, along with 13 other patents and associated applications was for a million dollars.
- I looked at that slightly differently than

 Mr. Bakewell did. We have testimony in this case that
 there was no independent valuation of how you would look
 at each of those patents that are part of the portfolio
 that Orion acquired.

So you can either look at it and say: Well, the '947 patent was worth somewhere between zero and a million, and for the sake of having some kind of estimate and absent any other evidence to the contrary, I just divided that million by the number of patents.

I could have divided it by a larger number because of the -- because of the applications that were also included, but if you divide by the number of patents, you can estimate that there was a price paid of about

\$72,000 for the purchase of the '947 patent. 1 2 Now, do you have an opinion regarding what 3 would be more reasonable data points? MR. ROOKLIDGE: And let's move to the 4 5 next slide. Α. T do. 6 7 Given the paucity of sort of really good 8 economic analysis that was offered on behalf of the Plaintiff, what I have -- what we have to look to here 10 is a substantial number of licensing and other agreements that both parties have entered into in the 11 12 past. 13 And the ones that I'm focusing on, particularly with Yahoo!, are paid in sort of similar 14 15 circumstances. And we're trying to look for comparable bodies of intellectual property so that you're not 16 comparing an agreement that includes an entire patent 17 18 portfolio to the acquisition of a single -- a license of 19 a single patent. 20 And on the other side, I've looked at licenses 21 and -- as well as settlement agreements that Orion entered into in connection with the '947 and other 22 23 patents. 24 (By Mr. Rooklidge) Okay. Well, why don't we 0.

drill down a little bit and look at your criticisms of

Dr. Becker's opinions in a little more detail. 1 MR. ROOKLIDGE: Let's go to the next 2 3 slide. (By Mr. Rooklidge) You said that Dr. Becker 4 5 failed to do what he should have done to justify the use of a running royalty based on Sponsored Search revenue. 6 Can you explain that? 8 Α. Yes. 9 As I understood Dr. Becker's analysis, he made 10 an operating assumption that somehow there was a connection with the revenues of Sponsored Search and the 11 alleged infringement of the '947 patent. 12 13 I don't think you can actually, following appropriate methodology, begin and end the analysis 14 15 there. What courts teach us is that you need to take other economic indicators into account. 16 17 And what the particular question is, to what 18 extent does the use of the '947 patent drive demand for 19 Sponsored Search? 20 You heard Dr. Becker said that he had done no 21 analysis in that regard, and I certainly saw none. So I 22 would say there is no proof that the '947 patent drives the demand for Sponsored Search. 23 24 Secondly, we've also heard that there is no 25 direct connection between the presumed infringement and

```
click. You actually -- the infringement stops, as you
1
2
  heard Dr. Rhyne testify, before anybody clicks on an ad.
3
             So while I don't dispute that the '947 patent,
   we assume, is to some extent involved in Sponsored
4
5
   Search, I have seen no proof that there is any
   quantifiable effect on Sponsored Search revenue as a
6
   result of the presumed infringement.
8
             Given those two overriding criteria, I just
9
   think it's bad methodology to base a running royalty on
10
   Sponsored Search's revenues, as Dr. Becker has done.
                  MR. ROOKLIDGE: Let's go to the next
11
12
   slide.
13
             (By Mr. Rooklidge) You said earlier that
   Dr. Becker had no evidence for his quarter to a half
14
15
   percent royalty rate as to Yahoo!.
16
             Could you explain that?
             Yes.
17
        Α.
18
             I think you asked Dr. Becker the question
19
   directly yesterday, whether he did, and he said -- and I
20
   would agree with him -- that there is no single license
21
   agreement that we have in this case that relates to a
22
   half -- to a quarter to a half a percent rate with
23
   respect to Yahoo!.
24
             The only thing that we have -- and he base --
25
  he based his royalty rate from the starting point with a
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very different group of license agreements, specifically, those for the Overture patent portfolio that you have heard about, but that is a very different group of patents, and it has a much greater -- different significance to Yahoo! than the '947 patent.

- Q. In what way -- in what way is that a very different group of patents, the Overture patent portfolio?
- A. Well, the Overture patent portfolio, as I understand it, represents technology that is really foundational to Yahoo!'s Sponsored Search business. It has demo -- it has demonstrated its success in terms of the -- associated with the bid auction process that goes on for ads, at least in part. And that is something that you heard Mr. Kolm talk about this morning, and that has a direct connection to revenue.

Another reason why the Overture patent is -patent portfolio licenses that Yahoo! has entered into
are not comparable in my view is they really represent
different kinds of transactions.

In the agreements that we have, Yahoo! was licensing those patents to other entities, not sitting at the table saying: I need to use these patents.

Yahoo! was already using and getting the benefit of these patents.

So it's a different situation.

2.0

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Q. So I just want to be very clear on that.

Is there any evidence in this case against
Yahoo! that Yahoo! would have agreed to or Orion would
have demanded from Yahoo! a rate of a quarter to a half
a percent of revenue?

A. I've seen none. I think the number is -- is arbitrary and speculative.

We also have heard the -- played a little bit of the deposition testimony of Mr. Yeh, who was talking on behalf of Yahoo! with respect to its licensing practices, and the -- the application of a quarter to a half percent running royalty, or frankly, the application of a running royalty goes against the body of its licensing practices when it actually has taken licenses to comparable technology.

MR. ROOKLIDGE: Move on to the next slide.

Q. (By Mr. Rooklidge) You mentioned earlier that Dr. Becker had not done the required apportionment.

Can you tell us more about that.

A. Well, it's not disputed in this trial that the '947 patent is an improvement patent. It does certain things. It combines certain steps that I won't -- I won't define, because you've heard other people who have

more technical expertise explain them, but it's not a
new -- it's not a new invention, in terms of something
earth-shattering.

So when you have something like that, what you really need to do is try to help answer the question:

What is it that the presumed use of this invention actually adds by way of value to Yahoo!.

We know from -- from what we've heard, that the Sponsored Search business was up and running before April 2004, and it was not accused of infringement at that time.

I have not -- I had not heard previously, and I still haven't heard in this trial, and I've sat here all week, some specific identification of something that changed to turn that system from a non-infringing system to an infringing system.

So I'm still waiting for an answer to exactly what that specifically is.

The other thing that we need to recognize, we've heard talk about another patent from Allen with E-N, who is not professional Professor Allan, who spoke to you this morning, but that is a -- that is a patent that is considered and acknowledged as part of the prior art that existed out there as the -- before the Patent Office would be able to patent -- grant a patent to the

'947 patent. 1 2 So the question then becomes, well, what 3 exactly is different functionally and operationally between the '947 patent and the Allen patent, 5 hypothetically, and the value that it imparts to Yahoo!'s business? I haven't seen that. 6 The last item on the list is everything else 8 that Yahoo! brings to the table, and that includes 9 patents. 10 Professor Allan did some analysis at my request and looked at at least 80-some-odd or close to 11 12 90 patents that Yahoo! has in the search and advertising 13 and related space. 14 That represents intellectual property rights 15 that are available to Yahoo! to deploy in the relevant 16 business. 17 It, obviously, has demonstrated success even 18 before the infringement began and continuing since. 19 And it has -- another thing that it has that 20 it brings to the table is, even if you assume that the 21 '947 patent is infringed in Yahoo!'s business, it has nothing to do with providing the ads. 22 2.3 I mean, going out and managing the business, 24 finding the advertisers, making the contracts, making 25 all of the changes, and setting up all the dynamic

```
changes that you heard Mr. Kolm talk about this morning,
1
2
  that is another very dramatic contribution that Yahoo!
3
  makes to its business, separate and apart from the
  presumed infringement.
5
             Ms. Woodford, let's skip ahead to Slide 9.
6
   Is there anything that Dr. --
7
                  THE COURT: Excuse me just a second.
8
  Mr. Rooklidge, we're going to take our afternoon recess
   at this time. I've got a matter I need to tend to
  downstairs.
10
11
                  Ladies and Gentlemen, be back ready to
   start at 3:25. Remember my prior instructions. Don't
12
13
   talk about the case.
                  LAW CLERK: All rise.
14
15
                  (Jury out.)
16
                  THE COURT: All right. The time before
   this witness got on the stand, the Plaintiff had used 12
17
   hours and 17 minutes, and the Defendant had used 11
19
   hours and 41 minutes.
20
                  We'll pick up there after the recess.
21
                  (Recess.)
                  LAW CLERK: All rise.
22
2.3
                  (Jury in.)
                  THE COURT: Please be seated.
24
25
                  Mr. Rooklidge?
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MR. ROOKLIDGE: Thank you, Your Honor. 1 THE COURT: Proceed. 2 3 (By Mr. Rooklidge) Ms. Woodford, let's go to Ο. Slide 10 here. 4 5 What does this slide show about the '947 license agreements that you looked at? 6 This chart represents a summary of the lump-sum payments that Orion received when it entered into settlement agreements with the entities listed 10 here. And the reason it's titled 3-Patent '947 11 Agreements is that this group of agreements included not 12 13 only the '947 but two other patents. So what I've done here, just to try to get a frame of reference, I 14 15 basically added up the total compensation here and come up with an average per patent for each of the three 16 patents that is licensed in these agreements. 17 18 And I did that for the same reason I expressed 19 a moment ago. The range is anywhere between zero and 20 the full price of the patent, so this is a midpoint estimate. 21 22 Q. And the average per patent number is? 2.3 Just -- \$64,556. Α. 24 0. Okay. Let's take a look at the next slide. 25 What does this slide show?

This is a similar analysis, but this group of settlement agreements -- this actually includes the purchase agreement from Firepond as well. But this group of agreements includes not only the '947 patent but 13 other patents. It also includes other applications.

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- But for the purpose of the calculation, I just tried to calculate the average price per patent that is represented by the lump-sum payments in all of these settlement agreements.
- And what was your conclusion as to the average 11 0. 12 price per patent there?
- 13 Α. In the -- in this case, it's \$122,582 per 14 patent.
 - Okay. Let's go to the next slide then. Q. What does this slide show?
- This slide basically summarizes the range of Α. information that I found among the agreements that we 19 have available, whether they be Yahoo! or -- or Orion or 20 Plaintiff agreements.
 - All of these were lump-sum agreements in one form or another. And what I have arranged here is for agreements that I think are comparable either in the sense that they include the '947 patent, or in the case of the VPS license, which is a Yahoo! license for the

Yahoo! -- there's three other single patent licenses that I think are comparable.

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I have basically arrayed the price of those rights on the -- on the horizontal axis, and I've actually compared that to the range of damages that Mr. -- Dr. Becker is seeking, based on the running royalty that he testified about.

- What has your analysis led you to conclude Q. about the dollar amount of Dr. Becker's so-called reasonable royalty?
- My conclusion is reasonable is not the right Α. way to describe it. There's nothing I've seen that would basically magically take this patent from 14 something that's worth \$72,000 to 14 to \$27 million, 15 depending on which royalty rate you apply.

It also tells me that when you look at a range of real-world licenses entered into either by Yahoo! or the Plaintiffs, (a) they're all lump sums, and, (b), the maximum lump-sum payment that I have available is an average actually of \$590,000 per patent.

- And what was your final conclusion about 0. Dr. Becker's use of a running royalty rate-style agreement instead of a lump-sum form of payment agreement?
- 25 A. Well, it goes against the weight of the

```
Not only do the Plaintiffs license agreements
1
   evidence.
2
   basically, with very few exceptions, represent lump-sum
3
  payments. The relevant Yahoo! agreements similarly are
   based on lump sums.
4
5
             So the structure of the compensation is very
   consistent, except for the running royalty that
6
   Dr. Becker applied.
8
                  MR. ROOKLIDGE: Pass the witness.
9
                  THE COURT: Cross-examination.
10
                  MR. HUESTON: Yes, Your Honor.
11
                       CROSS-EXAMINATION
12
   BY MR. HUESTON:
13
        0.
             Ms. Woodford, good afternoon.
             Good afternoon.
14
15
             Now, under the .25-percent and .5-percent
   royalty proposed by Dr. Becker, how much would Yahoo!
16
   pay on the day that Yahoo! and Orion reached a license
17
18
   agreement?
19
             I have not done that calculation.
20
             Well, under a running royalty, the date the
        Q.
   agreement would be reached, the answer I would suggest
21
22
   would be 0, correct? There would be nothing to write a
   check for?
2.3
24
             On that very day, yes, perhaps not.
25
             All right. And you would agree that under Dr.
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Becker's suggested royalty, I ask you, how much money
   would Yahoo! have owed after one year, if Yahoo! had, in
2
3
  fact, made zero dollars on Sponsored Search?
             The answer would be zero.
        Α.
4
5
             And what would be the answer if after five
        Q.
  years Yahoo! had made no money, what would be the
6
   royalty?
8
             If Yahoo! had no revenues for Sponsored
9
   Search?
10
        Q.
             Yes.
11
             It would be zero.
        Α.
12
        Q.
             Now, you criticized Dr. Becker's analysis
   for -- because he did not do any apportionment. Is that
14
  your testimony?
15
             It is my testimony, yes.
16
        Q.
             Do you claim that he actually did no
   apportionment analysis whatsoever?
17
18
             I didn't see any in his report.
                                               There was
19
   some recognition that there were contributions that
20
   Yahoo! brings to the table, but I did not see -- and he
21
   testified here and also at his deposition that he hadn't
   done an apportionment analysis.
22
2.3
             There were a line of questions from
24
  Mr. Rooklidge.
25
        Q. And you, Ms. Woodford, did not personally
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examine prior art in your apportionment analysis,
  correct?
2
3
            No, I would not do that. I'm not a technical
        Α.
4
   expert.
5
             Is that a no, ma'am?
        Q..
        A. Yes, that's a no.
6
7
        Q.
             Thank you.
8
             In fact, you relied primarily on Dr. Allan for
  the information for you to conclude about apportionment,
  correct?
10
       A. Do you mean with respect to the Allen
11
  patent --
12
13
        O. Yes.
14
             -- because I would say overall the answer is
15
        With respect to the Allen patent, I just take note
16
  what I learned from him about the Allen patent.
17
        Q. And you were sitting here while Dr. Becker
18
  testified, correct?
19
        Α.
            Yes, I was.
20
             And you recall, do you not, that he stated
21
  that he relied on Dr. Rhyne in order to apportion or
   weigh the various factors when it came to the technical
22
  points of his analysis, correct?
24
        A. I'm not sure that I remember his testimony
25
  quite that precisely, but I do think it's fair to say
```

- 1 that he would rely on Dr. Rhyne to the extent that he 2 needed technical support.
- Q. All right. Now, you have talked about the Overture licenses. I want to ask you a couple of questions about that.
 - You would agree that Mr. -- sorry -- that Dr. Becker conceded that the '361 patent, the Overture patent, was more important to Yahoo! than the Rice patent, right?
- 10 A. He did concede that, yes.
- 11 Q. And, in fact, you would agree that
- 12 Dr. Becker's recommended royalty rate for the Rice
- 13 patent in this case is between one-tenth and
- 14 one-twentieth as much as the royalty rates, the running
- 15 royalty rates, charged by Yahoo! for their own Overture
- 16 licenses, correct?

6

- 17 A. For those portfolios, yes.
- 18 Q. So it's your testimony, Ms. Woodford, it's
- 19 fair for Yahoo! to get a running royalty with respect to
- 20 its licenses but not for Bright Response in this case?
- 21 Is that right?
- 22 A. My opinion doesn't go to fairness, sir. My
- 23 opinion goes to what is appropriate, given the
- 24 particular circumstances of the hypothetical
- 25 negotiation.

```
Q.
             Thank you.
1
2
                  MR. HUESTON: No more questions.
3
                  THE COURT: Additional questions,
4
  Mr. Rooklidge?
5
                  MR. ROOKLIDGE: Just one, Your Honor.
6
                     REDIRECT EXAMINATION
7
   BY MR. ROOKLIDGE:
8
             Ms. Woodford, in your understanding of the law
        Q.
9
   as a patent damages expert, which party bears the burden
10
   on apportionment?
             The Plaintiff does, and particularly with
11
        Α.
  respect to an improvement patent, such as the '947
12
13
   patent, as I understand it.
14
                  MR. ROOKLIDGE: No further questions,
15
  Your Honor.
16
                  THE COURT: Anything further?
17
                  MR. HUESTON: No, Your Honor.
18
                  THE COURT: All right. You may step
19
   down.
20
                  Who will be your next witness?
21
                  MR. VERHOEVEN: Your Honor, Defendants
22
  rest.
2.3
                  THE COURT: Yahoo! rests?
24
                  MR. ROOKLIDGE: Yahoo! rests, Your Honor.
25
                  THE COURT: All right. Counsel,
```

```
1
   approach.
 2
                  (Bench conference.)
 3
                  MR. VERHOEVEN: We do have one issue,
   Your Honor.
 4
 5
                  I've been informed that the Plaintiff
   wants to call their damages expert again and
 6
   characterize it as rebuttal testimony.
 8
                  THE COURT: Okay.
 9
                  MR. VERHOEVEN: We would object to that,
10
   Your Honor.
                They had the burden of proof. They were
   able to cross-examine our folks. It's one thing for
11
   Dr. Rhyne, when we had the burden on validity, to be
12
13
   called again to rebut on the validity, which we were
  expecting that they would do.
14
15
                  But we would -- we think it's
16
   inappropriate to call a damages expert. He's just going
   to rehash the same stuff. And just for the point of
17
18
   having the last word, that's not appropriate rebuttal,
19
   Your Honor.
20
                  MR. HUESTON: And, Your Honor, he's not
21
   being called to rehash the points. Particularly,
22
   Google's expert provided a new opinion that hasn't been
  heard before, $2 million, and in the process of that
23
   laid out some criticism of Dr. Becker.
25
                  I think Dr. Becker has a right to say,
```

```
does that opinion from Ms. Woodford change your
 1
 2
   calculations here. It's a very short answer to the new
 3
  information provided. It is not a rehash.
                  THE COURT: Well --
 4
 5
                  MR. VERHOEVEN: May I -- I'm sorry.
   I just respond briefly?
 6
 7
                  Our damages expert testified within the
 8
   scope of his Rule 26 report, and there was no objection
   that he went outside of it. There's no surprise here.
10
   It's simply they want to call on their expert to have
   the last word.
11
12
                  THE COURT: Well, they've got the burden
13
   of proof on damages. I'm going to allow them to do
14
   it --
15
                  MR. HUESTON: Thank you, Your Honor.
16
                  THE COURT: -- for that limited purpose.
17
                  MR. HUESTON: Uh-huh.
18
                  MR. FENSTER: With respect to
19
   infringement, we also have the burden, but I think it's
20
   appropriate that we have the right to respond to Fox and
21
   Allan.
22
                  THE COURT: I agree. Overruled.
2.3
                  MR. SPANGLER: Your Honor, do we have an
24
   agreement or not with Cohen?
25
                  MR. VERHOEVEN: We do.
```

```
MR. SPANGLER: We do have agreement on
1
2
   this evidence.
3
                  THE COURT: Okay. But Yahoo! expressly
   keeps the Overture stuff confidential.
4
5
                  MS. DOAN: Wait on that one, Your Honor,
   on the Overture licenses. Keep them under seal or
6
7
   something.
8
                  MR. SPANGLER: Are we doing JMOLs after?
9
                  THE COURT: That's why I called you up
10
   here.
11
                  Mr. Verhoeven.
12
                  MR. VERHOEVEN: Sorry, Your Honor.
13
                  THE COURT: I called you up here to make
   sure it was okay that we defer any motions for judgments
14
15
   as a matter of law until close of all the evidence after
16
   I have dismissed the jury today.
17
                  MR. VERHOEVEN: Yes, Your Honor.
18
                  MR. ROOKLIDGE: That's fine with us, Your
19
   Honor.
20
                  (Bench conference concluded.)
21
                  THE COURT: All right, Ladies and
22
   Gentlemen, you heard now the evidence that the
2.3
  Defendants have offered in their case-in-chief, and we
24
   are now going to hear the Plaintiff's what's called or
25
  referred to as the rebuttal case.
```

```
And so who will be your first rebuttal
1
2
   witness?
3
                  MR. SPANGLER: Your Honor, we are going
  to present Fred Cohen by deposition.
4
5
                  THE COURT: Okay. Are you going to read
  both the questions and the answers?
6
7
                  MR. SPANGLER: Yes, Your Honor.
                                                    It will
8
  be very brief.
9
                  THE COURT: Introduce Mr. Cohen.
                  MR. SPANGLER: Mr. Cohen is one of the
10
   listed inventors on the '947 patent.
11
12
                  (Deposition excerpt read.)
                  OUESTION: So let's talk a little bit
13
                So they brought you a draft of the
14
   about that.
15
   application and then what happened?
16
                           I read through the application
                  ANSWER:
17
   to see if it satisfied Chase's policies and practices,
   and given my knowledge of Chase's operations to
18
19
   determine whether or not it made appropriate claims,
20
   given the little I knew from the face of the document
21
   about the invention.
22
                  And I gave no legal advice in that
  context, because I'm not a patent lawyer. I looked at
23
24
        It looked fine to me, but I said, wouldn't it be
   it.
25
   appropriate to add this aspect of the invention.
```

```
And the attorney said, yeah, that seems appropriate.
2
  Now we have to make you an inventor.
3
                  QUESTION: When you say this aspect, what
4
   aspect?
5
                          When the application came to me,
                  ANSWER:
  it contemplated an input to a process only of electronic
6
   inquiries, e-mails, and other electronic inquiries.
8
                  Actually, I'm -- my memory is not
9
   specific as to other electronic inquiries, something
10
  that can't be e-mail inquiries.
                  And I said it shouldn't be limited to
11
12
  e-mail inquiries, given what I know of technology now.
13
                  For example, dictation software, it ought
  to be able to handle voice or voice recording just as
14
15
   well as it does in e-mail or electronic transmission of
   words. And they agreed and brought in the claims.
16
17
                  By the way, to my knowledge, I was a
18
   listed inventor on the initial Chase application.
19
                  (End of deposition excerpt.)
20
                  THE COURT: Okay. All right. Who will
21
   be your next witness?
22
                  MR. HUESTON: Thank you, Your Honor.
23
  Bright Response calls Dr. Becker as its first witness in
24
  rebuttal.
25
                  THE COURT: All right. Proceed.
```

MR. HUESTON: Thank you, Your Honor. 1 STEPHEN L. BECKER, Ph.D., PLAINTIFF'S WITNESS, 2 3 PREVIOUSLY SWORN DIRECT EXAMINATION 4 5 BY MR. HUESTON: Dr. Becker, have you been here in the 6 courtroom to observe the testimony of Mr. Baker (sic) and Ms. Woodford in their testimony about damages this 9 afternoon? 10 Α. Yes. Has anything you heard today changed your 11 opinion? 12 13 Α. No, it hasn't. 14 Why not? Ο. 15 Well, I still believe that the approach that I 16 am recommending, both in terms of a running royalty and the amount of that being a quarter to a half percent, is 17 18 a reasonable compensation for the use made of the patent, if one assumes, as I must and as Mr. Bakewell 20 and Ms. Woodford must, that the patent is valid and 21 infringed. 22 Q. And, Dr. Becker, is there anything you heard today that changes your opinion about the relevance of 23 extent of use? 24 25 A. Well, what I found notable in Ms. Woodford's

```
presentation and in Mr. Bakewell's presentation is that
1
  the extent of use of the patent, the fact that we all
2
  three have to assume that Yahoo! has over $5 billion of
3
  revenue, that must be assumed to be generated with the
5
  contribution of the '947 patent, and over 25 billion for
  Google, that that extent of use appears to be of no
6
   importance to them.
8
             It doesn't seem to enter into their analysis.
9
   That their approach is disconnected from that extent of
10
        And a running royalty, which I have used, hitches
11
   that use to the -- to the royalty.
            Does it account for, your approach, extent of
12
        Q.
13
   use?
14
             Yes, directly.
             You heard Ms. Woodford and Mr. Bakewell
15
   testified that you ignored the Firepond sale of the Rice
16
   patent to Orion, and that the sale was a significant
17
   real-world agreement available for comparison in this
19
   case.
20
             Do you agree with that assessment of your
21
   analysis?
22
        Α.
             I disagree with that.
2.3
        Q.
             Why is that?
24
             Well, they suggested that I ignored that
        Α.
25
   agreement, and I very much did not ignore it.
```

absolutely understand that Orion purchased the '947 1 2 patent and 13 other patents for \$1 million. 3 But as I described in my direct testimony, it's my opinion that to look at that transaction as 4 5 somehow limiting the value of the '947 patent in this circumstance is like back to our oil-and-gas analogy of 6 you had bought a farm near Harrison County for a million dollars, it would be like the oil company showing up and 9 saying, look, we've got a well on your property, but 10 we're going to cap the amount we're going to pay you at 11 a million dollars on your lease no matter how much gas 12 we produce, because you paid a million dollars for that 13 six months ago, nine months ago, some recent time 14 period. 15 And I just don't think that it's relevant, if 16 that prior transaction happened without the full awareness of the existence and validity of that -- of 17 18 that patent, when the transaction occurred. 19 MR. HUESTON: Pass the witness. 20 THE COURT: Cross-examination? 21 MR. VERHOEVEN: Yes, Your Honor. 22 CROSS-EXAMINATION 2.3 BY MR. VERHOEVEN: 24 Good afternoon, Mr. Becker. 0. 25 Good afternoon. Α.

- Q. Now, you testified about extent of use. You have to assume 100 percent extent of use as part of the hypothetical negotiation, right?
 - A. Yes.

2

3

4

5

6

9

11

12

13

14

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17

18

- Q. Okay. And in the real-world when you're looking at real-world agreements like those many agreements we looked at that involve the exact same patent in this case, you're not required to assume 100 percent of use, are you, sir?
- 10 A. That's correct.
 - Q. So your argument that, well, here it's a hundred percent of use, but in these things we don't know if it's a hundred percent of use, you can make that argument in every single damages case, can't you, sir?
- 15 A. Absolutely.
 - Q. Okay. Now, you said, well, you looked at the Orion purchase. Let's just remember that was -- that was a purchase just five months before the hypothetical negotiation for my client, Google, right?
- 20 A. Yes.
- Q. And that was for a million dollars, right?
- 22 A. Yes.
- Q. It wasn't a non-exclusive license. It was for the purchase of the whole patent, right?
- A. Correct.

- 1 Q. And it wasn't just the '947 whole patent.
- 2 There were 13 other whole patents, right?
 - A. Correct.
 - Q. For a grand total of a million dollars, right?
- 5 A. That's right.
 - Q. Now, the damages amount -- the bottom range of damages amount for Google that you're opining on is \$64 million, right?
- 9 A. That's right.
- Q. And your testimony to this jury is that in a
- 11 hypothetical negotiation five months later,
- 12 circumstances may have changed so that there would be
- 13 more money that's appropriate; is that right?
- 14 A. Absolutely.
- Q. Okay. Let's go back to my house example, all
- 16 right?

4

6

- 17 A. Okay.
- Q. Say that you're looking for houses and there's
- 19 a house listed for \$64 million, and you saw that that
- 20 house was sold together with 13 other houses 5 months
- 21 earlier for \$1 million okay?
- 22 A. Okay.
- 23 Q. Can you explain to the jury what circumstances
- 24 would make you think that it's reasonable to pay \$64
- 25 million for one of those 13, 14 houses?

- A. Absolutely I can.
- Q. Okay. Do it.

- A. If in that intervening five months, someone had come along and validated the existence, for example, of a major oil-and-gas play underneath those properties, it absolutely could be reasonable that 13 houses selling for \$1 million would be worth, after the validation of that oil-and-gas play, \$64 million.
- Q. Okay. And the five months between the time that the Orion purchase occurred in the hypothetical negotiation, what change in circumstances can you identify, sir, that would change the valuation of the '947 patent to one-fourteenth of a million dollars to \$64 million?
- A. I can identify the assumption that I have to make and Ms. Woodford and Mr. Bakewell have to make that the '947 patent has been validated, its enforceability has been proved up, and that Yahoo! and Google are known to be infringing.
 - Q. So you point to some legal assumptions.

 What factual changes are you aware of
- 22 between -- during this five-month period, sir?
- A. Well, there are none.
- MR. VERHOEVEN: No further questions.
- MR. ROOKLIDGE: No questions, Your Honor.

THE COURT: Any additional questions? 1 2 MR. HUESTON: Yes, very briefly. 3 REDIRECT EXAMINATION BY MR. HUESTON: 4 5 Dr. Becker, you just pointed to the real-world agreements that Defendants put up for you. 6 Did you see with all their real-world 8 agreements any evidence of actual use of the -- of the inventions in those -- by these two Defendants with 10 those real-world agreements? Α. No. 11 12 In comparison, was there any evidence that you 13 found of use by Google and of Yahoo! of the licenses that you used for purposes of your comparison to come up 14 with your .25- to .5-percent running royalty rate? 15 16 Yes. The '361 patent with respect to Yahoo, I Α. think there's been ample testimony that that is used by 17 18 Yahoo!. 19 And with respect to Google, the Stanford 20 agreement that I used, there's, I think, been ample 21 testimony and evidence that that patented technology is used in every search by Google. 22 Mr. Verhoeven, again, tried to use an analogy 2.3 of a sale for \$64 million.

Have you talked about a lump-sum payment or

```
check to be written for $64 million in this case, or
1
  have you talked about a quarter penny to a half penny
2
3
  running royalty rate in this case?
             It's the latter. It's my opinion that the
4
5
   reasonable royalty should be a running royalty of a
  quarter penny to a half penny. And through today, that
6
   turns out to be 64 to $128 million for Google, but
   that's with the benefit of hindsight.
9
             At the time, it would have just been an
10
   agreement to pay that as time unfolded.
11
                  MR. HUESTON: Pass the witness.
12
                  THE COURT: Additional questions?
13
                  MR. VERHOEVEN: No, Your Honor.
14
                  MR. ROOKLIDGE: Just one question.
15
                      RECROSS-EXAMINATION
16
   BY MR. ROOKLIDGE:
17
             You mentioned the '361 patent, correct?
        0.
18
        Α.
             Yes.
19
        0.
             That is part of the Overture portfolio,
2.0
   correct?
21
        Α.
             Yes.
22
             And were you here in the courtroom when I
2.3
   showed the stack of patents that were related to the
24
   '361 patent as part of a related family?
25
                  MR. HUESTON: Objection. Objection.
```

reference there, the predicate, none of that is in 1 evidence. 2 3 THE COURT: Overruled. (By Mr. Rooklidge) You were here when you saw 4 Ο. 5 that big stack of patents that is the '361 patent family, correct? 6 Α. Yes. 8 And you were here when I showed the other 9 stack of patents that's also part of the Overture U.S. portfolio, correct? 10 11 A. Yes. And you were here when I pointed at that big 12 13 stack of patents on the floor that's the foreign 14 counterparts to the '361 Overture patents, correct? 15 Α. Yes. 16 The Overture patent portfolio, you admitted, Q. has many patents in it, correct? 17 18 Α. Yes. 19 Q. Thank you. 20 MR. ROOKLIDGE: No further questions. 21 REDIRECT EXAMINATION 22 BY MR. HUESTON: 2.3 Dr. Becker, did you take the stack into 24 consideration in coming up with one-tenth to 25 one-twentieth of the royalty rate they charge on those

```
licenses?
 1
 2
        A. Yes.
 3
                  MR. HUESTON: No more questions.
                  THE COURT: All right. No further
 4
 5
   cross-examination?
 6
                  MR. ROOKLIDGE: Nothing further, Your
   Honor.
 8
                  THE COURT: Google?
 9
                  MR. VERHOEVEN: Nothing, Your Honor.
10
                  THE COURT: You may leave --
                  THE WITNESS: Thank you.
11
12
                  THE COURT: -- and step down.
13
                  All right. Who will be your next
  rebuttal witness?
14
15
                  MR. FENSTER: Your Honor, Bright Response
16
   would like to call Dr. Vernon Thomas Rhyne back to the
17
   stand.
18
                  THE COURT: All right. Let's proceed.
19
     VERNON THOMAS RHYNE, III, Ph.D., PLAINTIFF'S WITNESS,
20
                       PREVIOUSLY SWORN
21
                      DIRECT EXAMINATION
22
   BY MR. FENSTER:
2.3
        Q. Good afternoon, Dr. Rhyne.
        A. Good afternoon.
24
25
        Q. Dr. Rhyne, before we get started, as I was
```

- listening to all the other witnesses, I don't think you had a chance to tell how long you've been married.
- A. Well, if my wife and I make it till the 4th of June of next year, it will be 50 years. And my daughter's already planning the celebration, so I hope we do. We've got two kids and two grandkids.
- Q. All right. So, Dr. Rhyne, have you been in Court throughout the entire trial?
- 9 A. I missed a little bit of Dr. Becker's trial
 10 (sic) when I went to the dentist, okay? But other than
 11 that, I've been here all week.
- 12 Q. Okay. And did you see all the technical -13 technical evidence that was put on in the Google case?
 - A. I did, every bit of it.
- Q. And did you see all the technical evidence, both fact witnesses and Dr. Allan, that was put on by Yahoo!?
- 18 A. I did.

3

5

6

- Q. Now, did any of the analysis or any of the evidence that you saw in the trial over the course of the last week change any of the opinions that you developed?
- A. No. And I was kind of gratified, because when
 I work on a Plaintiff against companies like Yahoo! and
 Google, I don't get to talk face-to-face with engineers

like Mr. Furrow or Mr. Kolm. I have to develop my understanding of their systems by studying their software and documents and listening to the depositions of those gentlemen.

2.0

And I don't think I've heard anything said yet that says I didn't get a good and proper understanding of the two systems.

What I've heard is that maybe I don't understand how those systems relate to the claims. But as far as my technical understanding of AdWords and my technical understanding of Sponsored Search that I seem to have that pretty much on target.

- Q. What do you mean that what you heard was -that the arguments relate to the application -- your
 application of the evidence to the claims?
- A. Well, I guess what I've heard over and over again, certainly from Dr. Fox and Dr. Allan, is that if the claims mean what they say they mean -- I'm sorry -- if the claims mean what they say they mean, then they don't think there's infringement.

But as I've told you and the jury several times, I tried to follow the Court's constructions of every single claim in great detail. And I've been through every limitation on that basis. And I haven't heard anything that changes my conviction that there's

infringement under the proper interpretation of each limitation of each claim.

Q. Dr. Rhyne, I'd like to walk you -- not walk you through -- ask you about some of the -- some of the arguments in evidence that has been raised by the Defendants in this case.

One of them deals with the interactivity.

Google and Yahoo! have said that they don't meet the requirement of processing a non-interactive electronic message, and both of -- or Google, at least, put up a slide similar to this?

A. Yes.

2.3

- Q. And they said that this was interactive and, therefore, not non-interactive, right?
- A. I -- I think -- that's the first time I had seen it was in trial. I hadn't seen it in any prior reports.

But this -- this feature is called Google suggestions. And I think I told Mr. Verhoeven that I don't have it on any of the computers that I use, and he said, well, it's a default condition. I went back and checked and sometime in the long distance past, I must have turned that default off.

He's correct. It's the default position, but
I don't use it.

```
But if I understand it right, this is an
1
2
  argument that when I type an M and I'm on my way -- I
  think in this case it was to marinade -- that that M is
3
   and of itself an interactive or some sort of
5
  non-interactive electronic message sort of on the way to
  marinade.
6
        Q. So, Dr. Rhyne, does the fact -- and it is a
  fact -- that Google will offer these suggests as you go
   along, typing in the search box, did that affect any of
   your analysis and tell us how?
10
             Well, I went back and took a look at it.
11
        Α.
12
   know, all the way through what I have accused of being a
13
   non-interactive electronic message has been the query,
14
   the thing that you do, that you type in.
15
             To me, it wasn't an interactive message until
16
   I got to M-A-R-I-N-A-D-E, and I either pushed enter on
17
   the keyboard or I clicked on search.
18
                  MR. VERHOEVEN: Your Honor, I have an
19
   objection.
              May I approach?
20
                  THE COURT: Yes.
21
                  (Bench conference.)
22
                  MR. VERHOEVEN: Your Honor, I don't see
  how following up on my cross-examination is rebuttal.
23
24
  He's not talking about what Dr. Fox said. It seems like
25
  he's just getting another chance to try to fix what
```

```
happened on cross-examination.
1
                  THE COURT: Well, how is this rebuttal?
2
3
                  MR. FENSTER: Your Honor, this is -- all
   of their witnesses talked about this interactivity.
4
5
  Mr. Furrow and Dr. Fox talked about this being
   interactive and, therefore, not non-interactive. And
6
   that's what he's responding to.
8
                  MR. VERHOEVEN: Well, he's put up this --
9
   I'm sorry, Your Honor.
10
                  THE COURT: Well, what I'm trying to tell
11
   him is the witness rebuttal infringement and get to any
   rebuttal you've got on validity, if you have any, okay?
12
13
                  I will let you give brief rebuttal, since
   you've got the burden of proof, but we're not going to
14
   go rehash the entire infringement theories, okay?
15
                  MR. FENSTER: Okay.
16
                  (Bench conference concluded.)
17
18
             (By Mr. Fenster) Dr. Rhyne, very briefly, you
        Q.
19
   said that you went and looked at Google search?
20
        Α.
             I looked at Goggle Suggest.
21
             And was this in response to evidence that you
   saw in Goggle's case?
22
2.3
        Α.
             Yes, for the first time.
24
             Okay. And what did you find?
        0.
25
        Α.
             Well, I studied it. This is a page on the
```

Google website. I searched Google Suggest on Google. 1 2 And I think it's revealing in terms of what's actually 3 going on as that suggest takes place. And if you start up there at the top right 4 5 there, it said -- okay -- as you typed in the search box on Google web search, Google Suggests offered searches by other users that are similar to the one you're typing. Start to type New York or even just any W, space, Y, and you'll be able to pick searches for New 10 York, New York City, New York Times, and New York University. 11 So this document refers to the stuff that's 12 13 below those full query search terms as the search and not to the N-E-W-Y as a search. 14 15 And if you go down further, there's a paragraph that says: Get information fast. And then it 16 17 says: How Google Suggest works. 18 It says as you type -- incrementally, as you 19 type, Google Suggest returns search queries based on 20 other user's search activities. 21 So the point is that the stuff in the bottom are the search queries, and if I like one of those 22 23 search queries, I can move my mouse down and click on 24 it. But they're referred to what's happening up in the 25 search box as this -- you're typing along, and those are

not the queries. 1 2 And so I think that Google themselves 3 recognizes that those are not incremental queries or messages of any type. 5 Q. Just real briefly. Dr. Fox testified that the M as you type along was an electronic message. 6 7 Do you agree with that? 8 Α. It's a form of an electronic message, but it's not the non-interactive electronic message that I've 10 accused of infringement. It's only that last message, which is followed by a carriage return or a click on 11 Google Search. 12 13 It is the part I focused on for my 14 infringement analysis. 15 Now, quickly, you heard from both Google and Yahoo! that neither of them have a case-based knowledge 16 engine. 17 18 What's your response to the evidence as you heard it? 19 20 A. Frankly, I don't understand it. I've relied on the Court's construction, and I don't have it 21 22 memorized. But it basically says something to the effect -- I realize time is short. I never used to like 24 to teach classes at 4:00 p.m. on Friday. 25 The -- it says you have a knowledge engine

that compares messages to the term -- the construct uses 1 2 exemplar cases. And I pointed out to the jury two specific examples of comparisons to exemplar cases. 3 of them was a comparison to the search terms entered by 5 the advertisers, and those are like -- those are, as I said, searches that the advertisers hope somebody's 6 going to make a keyword, that -- whether it's pizza or 8 something. They're looking for that as an exemplary 9 case.

- Q. Dr. Rhyne, focusing on the evidence that you heard or the testimony that you heard from Mr. Furrow and Dr. Fox, did you hear anything in either of those witnesses that either confirmed or called into question your conclusions?
- A. They confirmed it. There were questions, I think, of both Yahoo! and Google witnesses. Well, when you get there and you make the comparison, do you compare the keywords?

19 Yes.

10

11

12

13

14

15

16

17

18

20

21

22

Do you compare it to other attributes of the advertisements in the message?

Yes, you do.

Q. Now, you heard from both Google and Yahoo!
witnesses that they testified that they all -- that
Google Adwords and Yahoo! Sponsored Search always

respond automatically.

2.3

- A. Yes. In fact, they put up a quotation from one of my -- I can't remember which testimony it was, but they said -- I was asked that question, do they always provide some kind of response, and I said you bet they do.
- Q. How does that impact your infringement analysis with respect to the classification step?
- A. Not at all. I think you actually had me point to one of the early diagrams that had the search results going up to the top and the ad results coming down here. And the only part of either one of those systems that
- 13 I've accused of infringement has been the ad part,
 14 AdWords and Sponsored Search.

I'm not saying that there's any infringement as a result of sending back what they call the natural search results. But there's no question -- in fact, some of the exhibits that were shown by the Defendants with their experts show the absence of advertisements.

There was one that Dr. Fox used where he had misspelled cowboys. And if you look at that screen shot, there are no ads, okay? I guess they didn't know how an ad for C-O-W-B-O-I-S.

But that's the focus that I've been looking at. What is the response? Is there an ad or is there

not? 1 2 Q. Dr. Rhyne, in summary without going through 3 all the -- all the elements and all the arguments, did you see anything from the Google witnesses or Dr. Fox 5 that changed any of your opinions or confirmed any of your opinions with respect to Google? 6 7 Α. No. 8 What is your opinion, after having seen all of 9 the evidence with respect to both Google and Yahoo!? Bottom line, I still believe that Google 10 AdWords and Yahoo! Sponsored Search both infringe 11 Claims 30, 31, and 32 (sic) of the Rice patent. 12 13 I think you said 32. 0. 14 I'm sorry. 33. 15 Now, Dr. Rhyne, let's move to invalidity. 16 Were you here for the testimony of Dr. Branting? 17 18 Α. Yes. 19 And you heard the other -- the rest of Google 20 and Yahoo!'s invalidity case? 21 Α. I have. 22 Now, did anything in that presentation affect your -- well, actually just tell me what's your response 23 24 to their case? 25 I think it actually confirmed it. I heard Dr.

```
Branting say that he was not familiar with
2
  reexamination. I'm intimately familiar with
3
  reexamination. I've been to the Patent Office three
  times to testify as a technical expert before a
5
  reexamination panel, which it consists of three senior
  Patent Examiners selected to be part of the
  reexamination team.
8
             And in this case here, the reexaminer has said
9
   that as far as the Allen patent alone, Claims 30, 31,
10
   and 33 are valid over that reference.
                  MR. VERHOEVEN: Objection. Move to
11
   strike. This witness is not classified as an expert in
12
  PTO reviews.
13
                  THE COURT: Overruled.
14
15
             (By Mr. Fenster) Go ahead.
16
        Α.
             As far as the second request for
   reexamination, which Yahoo! filed which, as I recall,
17
  was the combination of the Allen patent and those CBR
  manuals for that early rule-based --
20
                  MR. ROOKLIDGE: Same objection, Your
21
  Honor.
                  THE COURT: Likewise overruled.
22
             Okay. What the Patent Office did at that
2.3
  point was said there's no substantial new question of
25
   invalidity, and they didn't even accept the
```

reexamination request.

2.3

- Q. Now, can you remind the jury what prior art Dr. Branting relied on in one of his invalidity conclusions with respect to the claims?
- A. Okay. I think he relied on this Allen,

 A-L-L-E-N, patent, Bradley Allen's patent independently,

 and said that it anticipated or made obvious.

And then he also looked at the CBR -- there's a user's manual in a separate document that's called the Reference Guide. I may have those backwards, User's Guide and Reference Manual, I believe.

- Q. And did the Patent Office have a chance to review those -- those references in determining -- confirming the validity of the asserted claims in the case?
- A. Well, it wasn't quite that direct. When Yahoo! sent the documents in for the reexam, it's my understanding that they sent in Allen and those CBR manuals. And it's not that they -- I guess in a sense they reconfirmed it. They just said that -- those prior art references don't raise any question of invalidity. It's just as valid as it was when we did the full reexam the first time.
- MR. VERHOEVEN: Same objection, Your 25 Honor.

THE COURT: Overruled.

- Q. (By Mr. Fenster) Now, Dr. Rhyne, what experience do you have with validity analysis and the standards for validity?
- A. I'm a patent agent. I took and passed the patent bar exam.
 - O. What does that mean?

- A. Well, it's an exam the Patent Office now gives once a year. I took it in 1999 and passed it the first time. And a major feature of that examination is how do I, as a patent agent, take a look at the possible prior art that might be invalidating to a patent application that I'm about to make.
 - And you also -- during the process, you have dialogue with the Patent Examiner when he or she says, look, have you thought about this? Have you thought about that? Maybe you want to modify your claims.

 I think I understand that very well as a result of my patent agency.
- Q. Okay. Now, did you just rely on
 reexamination, or did you -- did you do your own
 analysis with respect to the asserted prior art by the
 Defendant?
- A. No. I -- I wrote an extensive rebuttal report to Mr. Branting -- excuse me -- Dr. Branting --

- Mr. Branting's report alleging invalidity over Allen and the CBR manuals. And I did a personal study of all of the claim limitations against Allen, and I essentially reconfirmed the difference that the reexaminer had made for my own self, independent of the fact that it had been through the reexam.
 - Q. And did you reach any conclusions as to whether the Allen patent, the '664 patent, anticipates any of the asserted claims, Claims 30, 31, or 33 of the -- of the Rice patent?
- 11 A. Yes, I did.

9

10

20

21

22

23

- 12 Q. And what was that analysis?
- 13 A. It does not.
- 14 Q. And why is that?
- A. Because if you look in the Rice patent -
 excuse me -- the Allen patent, it does a sort at the

 beginning of its analysis of the cases, and it selects a

 set of cases based on that initial comparison between

 the incoming case and the cases in the case base.
 - And when it passes that, it's called the matching set, where it found its. When it passes that set over, of all the things that it did the comparison for in the first place, only some of those cases get compared -- excuse me -- scored.
- And if you recall, there's a claim

- 1 limitation -- I think it's 30(b6) -- that says, for each
 2 case that's compared, you have to do a scoring. And
 3 Allen absolutely does not do that.
 - Q. And if Allen doesn't meet one or more elements of Claim 30, what does that mean with respect to whether it anticipates Claims 30, 31, and 33?

5

6

- A. Since 31 is dependent on Claim 30, if you miss 30(b6), you can't hit 31. And 33 depends on 31 and hits 30. So Allen doesn't anticipate any of the three.
- Q. Okay. Did you analyze whether any other references cited by Dr. Branting in his report anticipate of the asserted claims?
- A. Yes. I also looked at the CBR Manual and Guide, considering them together, as if they were an obviousness situation. And I went -- in my report, I explained why.
- They failed to score in the proper way. They
 only scored the questions in a certain way and
 separately scored the text of the case. And they do not
 meet, again, 30(b6).
- Q. Okay. Now, did you analyze the asserted claim?
- 23 MR. FENSTER: Let me withdraw that.
- Q. (By Mr. Fenster) Dr. Branting also asserted that the -- that the asserted claims were invalid for

obviousness?

2.3

- A. He did.
 - Q. What's obviousness?
- A. Obviousness is a situation where you don't have to have a single reference. And there are really two kinds, but the kind that he looked at was multi-reference obviousness.

And you just sort of combine the teachings of the two references or three or four to see whether or not that multiple set of references discloses each and every limitation of a given claim.

- Q. And did you analyze the asserted claims for whether they were invalid for obviousness?
- A. I -- I essentially -- again, I was responding to what he said in his report. And so I went in and took a look at the assertions he made.

And for each combination that he alleged obviousness, I did my own independent analysis and found at least one limitation of Claims 30, 31, and 33 missing, even in the combination of references that he identified.

- Q. Did you consider any other indicia or considerations in doing your -- your obviousness -- obviousness analysis?
- 25 A. Yes, I did. I -- I looked into what are

commonly called the secondary indicia of non-obviousness.

O. What are those?

A. Well, it's -- it's -- it always reminds me -- it's kind of like those Georgia-Pacific Factors. There was a case a number of years ago where somebody in a court outlined -- there are things like recognition in the industry. And I looked at that.

There are cases like failure of others to accomplish, and I looked at that. I found that many other people, while they were close to what was in the Rice patent, had never quite hit that nail on the head.

I looked at things like success and -- because I think that Google and Yahoo! both infringe the very financial success that Google and Yahoo! have had using that invention in their AdWords system and in their Sponsored Search system, I think, can be credited back to the usefulness of that invention.

- Q. Now, Dr. Rhyne, did -- so can you give a summary of what your opinion was with respect to whether or not -- actually, before we get there, can you remind the jury what your understanding is as to the burden of proof that the Defendants have in proving invalidity?
- A. You are going to have to correct me if I'm wrong, but I believe theirs is clear and convincing as

```
opposed to, for infringement, it's preponderance --
1
2
  preponderance of the evidence.
3
             And do you think they met that, that the
   Defendants met that burden?
4
5
            For invalidity?
        Α.
        Q.
6
            Yes.
7
             Absolutely not.
        Α.
8
            And what was your ultimate conclusion with
        Q.
9
  respect to the validity of the asserted claims?
10
            For everything that was allegedly invalidating
   of the Claims 30, 31, and 33 of the Rice patent, I don't
11
  believe that that burden has been met. I don't think
12
13
   those claims are invalid over that body of prior art.
14
                  MR. FENSTER: I'll pass the witness, Your
15
   Honor.
16
                  THE COURT: All right. Mr. Verhoeven?
17
                  MR. VERHOEVEN: Thank you, Your Honor.
18
                  THE COURT: Cross-examination.
19
                  MR. VERHOEVEN: Thank, Your Honor.
20
                       CROSS-EXAMINATION
21
   BY MR. VERHOEVEN:
22
        Q.
             Good afternoon, Dr. Rhyne.
2.3
             Good afternoon, Mr. Verhoeven.
24
             You stated that when using that marmalade
        Ο.
25
   example that you and I talked about on cross-examination
```

```
the last time --
1
             Yes.
2
        Α.
3
        Ο.
             You with me?
             I'm familiar with it.
4
        Α.
5
             I believe you said just now that when a user
        Q.
6
  types an M, that is a form of electronic message, right?
             It is an http message that's sent in, that's
8
   correct.
9
        Ο.
             So it's a form of electronic message, yes?
10
        Α.
             It is.
             That's yes?
11
        0.
12
             Yes.
        Α.
13
             Okay. And you agree with me that when a user
14
  types that in, that gets sent from the source, which is
15
   the human being, client computer and the browser, to
16
  Yahoo!, right?
17
             I think it does.
        Α.
18
             And then automatically, almost immediately,
        Q.
19
   Google comes back with those ten suggestions, right?
20
        Α.
             That's true.
21
             And when the user types the next character, A,
22
   that's a form of electronic message, sir, right?
2.3
             Yes, it is.
        Α.
24
             And that gets sent to Google, right?
        0.
25
        Α.
             Yes.
```

- Q. And Google responds back, right?
- 2 A. That's correct.
 - Q. And so on and so forth, each character that gets submitted, right?
- A. It's very different at the end, but for each character en route, there is a transmission, and it comes back.
 - Q. And when the user -- say the user just wants to type a search for marmalade. That's it.
- 10 You with me?

3

4

- 11 A. For marmalade.
- 12 Q. The word marmalade, correct?
- 13 A. Yes, sir.
- Q. When the user finishes -- and the last letter of marmalade is E; is that right?
- 16 A. Yes.
- Q. Okay. So when a user finishes the E, that
 goes to Google, the whole word goes to Google, doesn't
 it, automatically, and Google responds automatically
 with ten more suggestions, right?
- 21 A. That may be true.
- 22 Q. Okay.
- A. At that point, as I say, I always hit enter or search to indicate that the search is taking place.
- Q. And that's the exact same query that gets sent

```
to Google if Google hits -- if the user hits search
1
   after typing marmalade, right?
2
3
        Α.
             No.
             It's the same word.
4
5
             It is. It's the same string of characters.
        Α.
             It gets sent to Google.
6
        Q.
7
             I think it does.
        Α.
8
            And Google comes back with an automatic
        Q.
9
  response.
             Yeah. But it's not the same as the final
10
   message that they send in with the carriage return or
11
12
  the search.
13
             But the fact is, it's the same characters, and
   it gets sent to Google, and Google comes back with a
15
   response, right?
16
        Α.
             I think it does send back those --
             Is that yes --
17
        Q.
18
        Α.
             Yes.
19
        Q.
             -- or no?
20
             I'll give you a yes.
        Α.
21
             Okay. Thank you.
        Q.
22
             Now --
2.3
                  MR. VERHOEVEN: Your Honor, I forgot.
24 need to approach the bench, and now is a good time since
25
  I'm switching subjects.
```

```
THE COURT: Okay. All right.
1
2
                  (Bench conference.)
3
                  MR. VERHOEVEN: Really briefly, Your
   Honor.
4
5
                  THE COURT:
                              Well, just a second.
                  MR. VERHOEVEN:
6
                                  Okay.
7
                  THE COURT: Let everybody make it up
8
   here.
9
                  Okay.
10
                  MR. VERHOEVEN: I wasn't aware that we
   were permitted to talk about other lawsuits when I --
11
   when we had that colloquy earlier today with the damages
12
13
   expert.
14
                  I would like to be able, for bias
15
  reasons, to question Dr. Rhyne about the fact that he
   was adverse to Google in Function Media; he was adverse
16
17
   to Google in PA Advisors; in this case; and also in
18
   another case, PUM versus Google.
19
                  I think that's fair. If they're allowed
20
   to talk about other damages cases where different
21
   positions were taken, sauce for the goose, sauce for the
22
   gander.
2.3
                  So I just want to clear it up, though.
24
   I'm not going to do it if you don't want me to.
25
                  MR. FENSTER: We would -- I think that
```

```
his motion in limine says we can't talk about the
 2
  results of any of those cases.
 3
                  THE COURT: Well, you're going to go into
  the result, but I'll let you establish that this isn't
 5
  the only case he's been hired to testify against Google,
  and you can tell the number -- ask him the number, but
   don't get beyond that.
 8
                  MR. VERHOEVEN: I can't tell which ones?
9
   I shouldn't identify them?
10
                  THE COURT: I would rather you not
11
   identify them.
12
                  MR. VERHOEVEN: Okay.
13
                  THE COURT: You don't need to identify
   them, do you?
14
15
                  MR. VERHOEVEN: I guess I don't, but I
16
  have one other query.
17
                  THE COURT: Okay.
18
                  MR. VERHOEVEN: Sorry about that.
                  Can I identify the subject matter of the
19
20
   technology that's accused to show that it's similar?
21
                  THE COURT: Yes.
22
                  MR. VERHOEVEN: Thank you.
2.3
                  MR. ROOKLIDGE: Your Honor, just one more
24
              It's a related question.
   question.
25
                  He -- I believe he opened the door by
```

```
talking about the commercial success of this. May I ask
  him if the entirety of the revenues that Bright Response
 3 has received from this patent have been through
   settlement of litigation?
 5
                  MR. FENSTER: I don't think he has any
   foundation for that. I don't think he testified to
 6
   that.
 8
                  THE COURT: Yes.
 9
                  MR. ROOKLIDGE: Thank you.
                  (Bench conference concluded.)
10
11
            (By Mr. Verhoeven) Thanks for bearing with me,
12
   Dr. Rhyne.
13
             Let's switch to the issue of validity --
14
             All right.
15
             -- okay?
        Q.
16
             First, I'd like to talk about the EZ Reader
17
   system.
             You familiar with that?
18
19
             I have actually been, I thought, precluded
20
   from talking about the EZ Reader system.
21
            Are you familiar with the EZ Reader system,
        Ο.
   sir?
22
2.3
            Yes.
        Α.
24
        Q.
             Okay.
25
                  MR. FENSTER: Objection, Your Honor,
```

```
beyond the scope.
1
2
                  THE COURT: It's overruled.
3
                  MR. FENSTER: He had the motion in limine
   on this.
4
5
                  THE COURT: Well, overruled.
             (By Mr. Verhoeven) You don't dispute that
6
   every element of the -- each of the asserted claims
   existed in EZ Reader system, do you?
9
        Α.
             At trial, I haven't offered any opinion either
10
   way.
11
             You don't dispute it, do you, sir?
        0.
12
             Yes, sir.
        Α.
13
             And, in fact, you would agree, wouldn't you,
14
   sir, that the EZ Reader system does disclose every
15
   element of the asserted claims of the '947 patent?
16
        Α.
             I have not done an analysis of EZ Reader
   against every limitation of every claim, but I have no
17
18
   basis to say that isn't true.
19
            Now, your deposition on validity was taken on
20
   July 29th, 2010; is that right?
21
        Α.
             Yes.
22
            Let's see what you said when we asked you that
23
   question at Page 93, Line 23.
24
                  THE COURT: Mr. Verhoeven, I think he
25
   agreed with you.
```

```
MR. VERHOEVEN: Well, let me ask the
1
   question again, Your Honor. Maybe I misheard.
2
3
  may?
                  THE COURT: Okay.
4
5
             (By Mr. Verhoeven) Would you agree, sir, that
        Q.
  the EZ Reader does disclose every element of the
6
   asserted claims of the '947 patent?
8
             I have no basis to disagree with you. You can
9
   read that as an agreement.
10
             So you do agree then; it does disclose it?
11
        Α.
             Okay.
12
                  MR. VERHOEVEN: Well, Your Honor, he --
13
                  THE COURT: Do you agree or --
14
                  THE WITNESS: Yes, as far as I know.
15
                  THE COURT: Okay. Let's move on.
16
                  MR. VERHOEVEN: Thank you, Your Honor.
17
             (By Mr. Verhoeven) Now let's talk about
        Q.
18
   case-based reasoning.
19
        Α.
             Yes, sir.
2.0
             Sometimes in the industry, it's called CBR,
21
   right?
             That's true.
22
        Α.
2.3
             Okay. As of 1997, you wouldn't have
   considered yourself an expert in case-based knowledge
25
  engines, would you, sir?
```

- A. I wouldn't have offered myself up as an expert
- 2 in a trial like this if it was pure case-based
- 3 reasoning, and I certainly wouldn't have done that in
- 4 1997.
- Q. Would you agree with me that Dr. Branting has
- 6 more experience with case-based reasoning than you do,
- 7 sir?

- 8 A. Yes.
 - Q. Now, you talked about the reexamination --
- 10 A. Yes, sir.
- 11 Q. -- a little bit, sir.
- Do you understand that in the reexaminating
- 13 (sic) setting, the United States Patent & Trademark
- 14 Office does not address or assess whether a claim is
- 15 invalid based on prior public use?
- 16 A. Yes.
- 17 Q. That's not something they can even look at,
- 18 right?
- 19 A. Yes. You cannot bring that to them to
- 20 consider.
- 21 Q. So this issue in this case about the public
- 22 use with the EZ Reader, that couldn't have been
- 23 presented before the Patent Office. Would you agree
- 24 with me there?
- 25 A. That's my understanding.

- Q. Okay. Now, one of the things you look at when assessing obviousness -- I'm switching again to obviousness, so you can keep up with me.
 - Α. Okay. Thank you.
- 5 So switching to that subject, one of the factors that is relevant to look at is whether you can 6 point to any unpredictable results based on a combination of elements that are known in the art, 9 right?
- 10 Α. I'm not sure which way your question went.
- Okay. I'll try it again. 11 0.
- 12 You sailed --Α.

2

3

4

20

21

- 13 Let me try --Ο.
- 14 I -- all right. Α.
- 15 -- to be more clear. Ο.
- 16 One of the factors that you could look at in 17 forming an obviousness analysis is whether you could point to unpredictable results that were obtained as a 19 result of the patent, right?
- Α. Okay. I think I agree with you, but it's actually a factor, as I understand that particular case, that you point to as it not being obvious. And that's what's giving me trouble. 23
- 24 Exactly. So if there's un -- if there's -- if 0. there's unpredictable results, that tends to show it's 25

```
not obvious, right?
1
             I think there's been a case where the Court
2
3
  said, if you -- if you could point to unexpected or
  unpredicted -- predictable results, then that indicates
5
  that some combination is not so obvious.
            You can't point to any unpredictable results
6
7
   of the claimed method of Claim 28, can you, sir?
8
             I have not tried to do that.
9
             You don't have any opinion you can offer the
10
   jury at this time on unpredictable results at all, do
   you, sir?
11
             I haven't yet, and I won't offer one now.
12
13
            Would you agree that before the priority date
        Ο.
14
   of the '947 patent, that non-interactive electronic
15
  messages existed?
16
            Yes, I think that's the case.
        Α.
        Q. An e-mail certainly existed before the '947
17
18
   patent, right?
19
             I wish I could remember when I first started
   using it, but it's been a long time ago. Before that.
20
21
        Ο.
            Probably in the '80s?
22
             I bet I was using e-mail even well before
2.3
   that.
             Okay. E-mail is a non-electric -- a
24
        Ο.
```

non-interactive electronic message?

- A. It can be, depending, to some degree, on how the -- on the system that receives it and processes it.
 - Q. There were e-mail systems way back when that used non-interactive electronic messages, right?
 - A. There were e-mail systems that processed e-mail in a non-interactive way.
 - Q. And would you agree with me, sir, that rule-based knowledge engines existed before the '947 patent?
- 10 A. Yes, sir.

4

5

6

9

18

19

20

21

- Q. And would you agree with me that case-based knowledge engines existed before the '947 patent?
- 13 A. I would.
- Q. And what about systems that combine both ruleand case-based knowledge engines like in the '947

 patent? Those were around in the prior art before the

 '947 patent, right?
 - A. I have seen a couple of those, yes, sir.
 - Q. Okay. And what about these predetermined responses that we've been talking about? Would you agree that in the prior art, there were systems that retrieved one or more predetermined responses?
- 23 A. Yes.
- Q. '947 patent is not the first system to 25 retrieve one or more predetermined responses, is it,

```
sir?
 1
       A. I -- I have not contended that. I don't
 2
3 believe that to be the case.
        Q. And then if you're talking about Claim 31
 4
 5
  where we talked about how, if there's a mismatch, it
  decreases the score, and if there's a match, it
  increases the score --
 8
        A. Yes.
9
        Q. -- those notions of matching and increasing or
10
  decreasing a score, those aren't new or inventive, are
11
  they?
12
       A. I think when I was asked about that in my
  deposition, I said I didn't have any specific evidence,
13
14
  but I couldn't -- I think I kind of gave you a
  non-answer answer. I don't -- I don't know whether
15
16
  there were systems like that before.
17
        Q. You're not telling this jury that that is new
   and unique, are you?
19
            No. I'm telling them -- I'm not offering an
20
   opinion on that topic.
21
      Q. Okay. And then remember the normalization
22
   step?
2.3
        Α.
             Yes.
24
        Ο.
            What claim was that; do you remember?
25
            33, I think.
        Α.
```

```
Q. 33.
 1
            Normalization existed before the '947 patent,
 2
 3
  didn't it?
        A. Yes, sir. Percentages is a good example, like
 4
 5
  batting averages.
            So you would agree that the '9 -- that this
 6
  Claim 33 --
 8
        A. I believe so.
 9
        Q.
            Okay. You would agree that Claim 33 of the
10
   '947 patent doesn't disclose any new mathematical
  formula for normalization, right?
11
12
        A. Well, the claim just calls for it. Did you
   mean to ask me about the claim or the specification?
13
14
        Q. Well, I'm asking you, does Claim 33, the
15
   new -- the added step in Claim 33, it talks about
16
   normalization -- you remember that step?
17
        A. Yes.
18
             That's not new or unique, is it, in isolation?
        Q.
19
             If you take that step out in isolation, I
20
   don't believe that it is.
21
        Q. Now let's put up --
22
                  (Pause in proceedings.)
2.3
                  MR. VERHOEVEN: Having the technical
24
  difficulties, Your Honor.
25
        Q. (By Mr. Verhoeven) This is the Allen patent up
```

1 on the slide. You see it at the top? 2 Α. Yes. You've seen that before, right? 3 I have. Α. 4 5 And then at Column 10, Lines 40 through 44, Q. you see where I've pulled out some text? 6 Α. Yes. 8 And it says: A preferred example of 9 case-based reasoning system for providing user help on 10 call-in complaints is more fully described in, quote, CBR Express user's guide, closed quote, available from 11 Inference Corporation in El Segundo, California, and 12 13 hereby incorporated by reference as fully set forth 14 herein. 15 You see that? 16 Α. Yes, sir. 17 You would agree with me, sir, wouldn't you, that a person of ordinary skill in the art who's looking 19 at this patent, seeing this reference and incorporation 20 would be motivated to look at the CBR Express User's 21 Guide, together with the patent? The version of the CBR User's Guide that was 22 Α. 23 available at that time, I agree with you completely. 24 Okay. Now, Dr. Rhyne, this isn't the only 0.

case where you've testified for a plaintiff against my

```
client, Google, is it, sir?
1
             No.
2
        Α.
3
             How many cases have you been retained on where
   you've taken on an assignment to testify against my
5
   client, Google?
             Two others.
        Α.
6
7
        Ο.
             You sure it's not more than that?
8
        Α.
             There may be more. I don't recall them.
9
                  MR. VERHOEVEN: Your Honor, may I
10
   approach really briefly?
11
                  THE COURT: Well, yes.
12
                  (Bench conference.)
13
                  MR. VERHOEVEN: He's got the -- I wasn't
14
   going to name names, but he's got the number wrong, and
15
   I don't want to do it without permission. And I'll do
16
   whatever you say.
17
                  THE COURT: Remind him of the names.
18
                  MR. VERHOEVEN: Thank you.
19
                  THE COURT: And, Counsel, don't refer to
20
   whether or not they're represented by any of the same
21
   counsel that are involved in this case, okay?
                  MR. VERHOEVEN: Understood.
22
2.3
                  (Bench conference concluded.)
24
             (By Mr. Verhoeven) Let me see if I can refresh
25
   your recollection.
```

- 1 A. Sure. Obviously, I must not be remembering
- 2 one or so.

- Q. There's a case called Function Media versus
- 4 Google. Do you remember that case?
- 5 A. Yes. That's one of the two I recall.
- 6 Q. And you testified against my client, Google,
- 7 in that case?
- 8 A. Yes, I did.
 - Q. And that case involved search technology?
- 10 A. I --
- 11 Q. Let me ask you a different question.
- 12 A. I -- I don't think it did.
- 13 Q. Did that case involve AdSense for Content?
- 14 A. Yes, it did that.
- Q. And that's advertising on the internet, right?
- 16 A. Yes.
- Q. And have you ever heard of a case called PA
- 18 Advisors versus Google?
- 19 A. Yes. That's the second case that I remember.
- 20 Q. And that's another case where you testified
- 21 against my client, Google?
- 22 A. I testified at deposition. Interestingly
- 23 enough that there was no infringement.
- 24 Q. Well, you don't need to talk about the result
- 25 in that case.

- A. Okay. Sorry.
- Q. We're not going to talk about results in any
- 3 of these cases.
 - A. Okay.
- Q. But in that case, you testified against my
- 6 client, Google, as well, right?
- 7 A. In deposition. There was no trial.
- 8 Q. And what technology was involved in that
- 9 trial?

- 10 A. Some kind of search tech -- I think it was
- 11 just the pure search, not advertisement search, as I
- 12 recall.
- 13 Q. These two cases I just mentioned were patent
- 14 cases?
- 15 A. Yes, they were.
- Q. Okay. And have you heard of a case called PUM
- 17 versus Google?
- 18 A. Yes. The reason I didn't list it is I'm
- 19 not -- I was not aware that my participation in that --
- 20 my agreement to participate as an expert in that court
- 21 has been made public.
- Q. Oh, you didn't know we knew about it.
- 23 A. I had no -- I did not know. I always am very
- 24 careful about when somebody asks me to be one of their
- 25 experts until they have formally announced it, but fine,

```
1
   yes, sir.
2
        0.
             That's another case where you've agreed to
3
   testify against my client, Google, right?
             To this point, I've agreed to do that.
4
        Α.
5
             That's another patent case?
        Q.
            Yes, it is.
6
        Α.
7
             And then there's this case, right?
        Q..
8
             Well, I didn't -- when you say what other
        Α.
9
   cases, I didn't count this one, but yeah.
             So we've got four --
10
        Q.
             Yes, sir.
11
        Α.
12
             -- is that right, sir?
        Q.
             I believe that's correct.
13
        Α.
14
                  MR. VERHOEVEN: No further questions,
15
  Your Honor.
16
                  THE COURT: Mr. Rooklidge?
17
                       CROSS-EXAMINATION
18
   BY MR. ROOKLIDGE:
             Good afternoon, Dr. Rhyne.
19
        Q.
20
        A. Good afternoon.
21
             Following up on that last point, this isn't
   your first rodeo against Yahoo!, is it?
22
2.3
             I think I've had one other case against Yahoo!
24
  that actually went that far. It was that nXn case.
25
  were Defendants as well.
```

1 Now, in your testimony, you linked the success 2 of Google's AdWords and Yahoo!'s Sponsored Search to the 3 use of the '947 patent. 4 Do you remember that? 5 Α. Yes. Now, those services were very successful 6 before the alleged date of first infringement in this 8 case; isn't that correct? 9 I'm not sure about the very, but I'm aware 10 that both Google and Yahoo! were making money with the preceding systems before they implemented those other 11 systems. 12 13 0. In fact, Google at that time was the No. 1 14 rated search engine and Yahoo! was the No. 2 rated 15 search engine, wasn't it? 16 Well, but that's search. They were -- people Α. doing search, just to find search results, that's true. 17 18 Okay. Now, you spoke about commercial Q. 19 success. You're aware that the only revenue received by 20 Bright Response under the '947 patent is for settlement 21 of litigation, correct? I'm not. 22 Α. 2.3 Now, you were here today for Dave Kolm's 24 testimony that Yahoo!'s Sponsored Search always returns

25

a response.

Did you hear that?

A. Yes.

2.3

- Q. Okay. Now, is it your testimony that Yahoo!'s Sponsored Search does not always provide a response to a search request?
- A. No. They just -- well, again, I won't go further.
- Q. Now, you were testifying about interactivity, and you said M is a form of electronic message.
- 10 A. It -- it -- yeah. It's sent back to Google.
- 11 In a way, it is.
 - Q. Now, you heard Fred Cohen's testimony being read this afternoon, didn't you, where he testified that he got to look at the patent application that had been put together by the other four inventors, and they had only mentioned e-mail, but he decided it would be best to broaden that out to talk about voice data and telephone codes, right?
 - A. I heard it read. I, frankly, didn't comprehend a lot of what was read.
 - Q. Now, you've also heard here from the inventor,
 Amy Rice, that non-interactive electronic message can
 include TV broadcasts. We've heard about satellite
 communications. We've heard about Morse Code in this
 trial.

- A. I don't recall all -- I remember hearing somebody say something about television. I don't remember Morse Code.
- O. At the time -- at the time of this claimed invention, the http format was known, wasn't it?
- Yes, it was. I think it's evolved, but there was a version of http as a standard known at that time.
- Q. Okay. And the inventors didn't mention http messages in the patent, did they?
- 10 Not specifically. Α.

2

3

4

5

6

8

- They could have mentioned http in the patent, 11 0. couldn't they? 12
- 13 A. I know of nothing that prevented them from 14 doing that.
- 15 Do you know of any reason why they elected not to mention http messages in the specification? 16
- Α. I don't know what was in their heads, but they definitely mentioned communication over the internet, 19 and that's the venue in which http was being utilized.
- 20 Q. You testified about the reexamination that 21 Yahoo! filed.
- 22 Do you remember -- do you recall that?
- 2.3 Α. Yes, I do.
- 24 Now, you mentioned that they filed that Ο. 25 reexamination as to Claims 31 and 33, correct?

A. Frankly, I had forgotten that, but now that you say that, that refreshes my memory.

- Q. And Claim 30, which up until the point they filed that reexamination, had been rejected by the U.S. PTO, correct?
- A. I think during the give and take with the reexamination panel, initially, that claim was rejected.
- Q. Right. And it was -- it was subsequently indicated as being allowed after Yahoo! filed its reexamination request on Claims 31 and 33, correct?
- A. I don't know what the relative timing between those two decisions was.
- Q. And the U.S. PTO rejected Yahoo!'s reexamination request for procedural reasons, because there was a missing link between Claim 28, which it had rejected for anticipation under the Allen patent, and Claim 31, the first claim of the reexam, because it had just recently allowed Claim 30, correct?
- A. I understand exactly what you're saying, and that -- that -- that's probably true. I don't think you're telling us something that's not correct. But all I remember, I think, is seeing the no-substantial-question-of-invalidity statement.
 - Q. No substantial question of patentability.
- 25 A. Yes, sir. I knew I wasn't quite saying it

```
right.
 1
 2
        Q.
             Okay.
 3
             That's -- I think that's in the rejection of
   the reexamination request.
 5
             Right. And as we stand here today, Claims 26
        Q.
  and 28 stand rejected by the United States Patent &
 6
   Trademark Office over the Allen patent for anticipation,
 8
   correct?
9
        A. Yes.
10
            All right. Now, let's go back to secondary
  considerations for a second.
11
12
             You mentioned awards, didn't you?
13
        Α.
            Yes.
             And you're aware that Amy Rice received the
14
   AAAI award for the article that she presented on the EZ
15
  Reader at that conference, correct?
16
17
        A. Yes.
18
             All right. And are you aware that Ms. Rice
        Q.
19
   testified that the abstract of that article was added to
   the paper in April of 1996?
20
             I don't recall that.
21
        Α.
22
             Well, let's take a look, if we could. Let's
2.3
   switch to the document camera.
24
                  MR. FENSTER: Object, Your Honor.
25
                  THE COURT: Sustained. Counsel,
```

approach. 1 2 (Bench conference.) 3 THE COURT: I had precluded him from going into any discussion of public use. I allowed 4 5 Mr. Verhoeven to elicit questions concerning whether the EZ Reader system met all the limitations of the claim, but, Mr. Rooklidge, it's not fair, after I have excluded his giving opinions on whether it's public use or not, 9 to then go and get what you want out of him, okay? 10 Just move on to something else. 11 (Bench conference concluded.) 12 MR. ROOKLIDGE: Thank you, Dr. Rhyne. Νo 13 further questions. 14 THE WITNESS: Thank you, Mr. Rooklidge. 15 REDIRECT EXAMINATION 16 BY MR. FENSTER: I have just a few brief questions. 17 18 First, with respect to the questions that 19 Mr. Verhoeven was asking you about as the user is typing 20 in -- I think his example was marmalade -- I think it 21 was marinade before, whatever -- as he's typing in marinade, at what point does it become an electronic 22 23 message or a non-interactive electronic message as used 24 in the claims? 25 I think at the very end. It's a message

```
that's interpreted for the purpose of extracting a
  predetermined response to return, and it's certainly
  been the query that I have focused on, which comes at
3
  the end of that sequence of M, M-A, M-A-R, et cetera.
5
            What do you mean by the end? What happens at
        Q..
  that time end?
6
        Α.
             I click on enter, or I click on Google search,
  and as a result, that http message that I have showed at
   the very beginning of my discussion is created,
10
  packaged, and sent back in order to be matched against
   advertisements.
11
        Q. Now, Dr. Rhyne, Mr. Rooklidge was asking you
12
13
   some questions about the disclosures with respect to
   e-mail in the patent.
14
15
        Α.
             Okay.
16
        Q..
             Okay. Can you see this?
17
        Α.
             Yes.
18
                  MR. VERHOEVEN: Is it okay if I move,
19
  Your Honor?
20
                  THE COURT: Yes, of course.
21
                  MR. SPANGLER: I can move.
22
        Q.
             (By Mr. Fenster) Can you read this okay,
23
   Dr. Rhyne?
24
        A. Depending on which part of it. A little bit
25
  further to my left.
```

Q. Sure.

1

2

- A. Okay. That's fine.
 - Q. About right there?
- 4 A. Uh-huh.
- Q. Okay. What did the patent disclose with respect to whether the electronic message was limited to e-mail?
- A. In several places, not just here, it made it

 yery clear that the patent covers as its -- electronic

 message is far more than e-mail. It said here that it's

 preferred that they are e-mail at the first paragraph,

 but other types of electronic messages are contemplated

 as being within the scope of the invention.
- And then later it referred to preferably -
 15 preferably an e-mail message. But it says the invention

 16 is not so limited.
- Q. Okay. And based on these disclosures,

 Dr. Rhyne, do you have an opinion as to whether one of

 skill in the art would understand the scope of the

 patent to be limited to e-mail?
- 21 A. Oh, absolutely not.
- Q. And just for the -- for the jury, so they can go back and find this later, can you tell them where in the patent they can find these disclosures?
- A. Sure. The first one was taken from Column 4,

Lines 10 through 13. 1 The second one is over at Column 11 very near 2 3 the end of the patent at Lines 29 through 34. Now, Dr. Rhyne, Mr. Rooklidge suggested 4 5 correctly that at one point in the reexamination, the -that Claim 30 did stand rejected. 6 Α. Yes. 8 Now, what was the U.S. PTO's final conclusion with respect to Claim 30? That it was perfectly valid over the Allen 10 Α. 11 patent. 12 And what was the PTO's conclusion with respect Q. to Claims 31 and 33? 13 14 The same, that they were valid over the Allen Α. 15 patent. 16 Now, Dr. Rhyne, have you evaluated and given Q. opinions with respect to the benefits -- the incremental 17 benefits of the Rice patent over the prior art? 19 I think to some degree, I have. 20 All right. And what -- what benefit did --Q. 21 what's your opinion, if any, as to what incremental 22 benefits the Rice patent offered over -- when -- when 23 Google moved from the dumb ad system to the SmartAds

A. I think there was actually testimony to the

24

system in 2004?

effect that using the smarter approach of the SmartAds Selection System that Google obtained higher relevancy and got more clickability out of the ads that were presented back to people who really didn't ask for the ads; they were doing searches.

And if they searched for Las Vegas, as an example, the quality of the ads, the relatability of the ads, the matchability of the ads was improved enough that they felt like that they were going to get significant financial benefit out of it, because people who were searching would be more likely to click on an ad.

- Q. Do you find that any of the revenue from Yahoo!'s Sponsored Search is attributable to this invention in the asserted claims?
- A. I do. I haven't done -- I'm not Dr. Becker or any of the other two people, but, clearly, the reason people clicked on ads is because they saw an ad that interested them when they were probably about other business.

And having a more relative -- relevant ad presented over on the side or at the top certainly is likely to increase the clickability on those ads.

Q. And if it increases the clickability, what -25 what effect on the --

```
The advertiser makes more money, and Google
 1
        Α.
 2
   and Yahoo! make more money.
 3
                   MR. FENSTER: Pass the witness.
                   THE COURT: Anything in addition?
 4
 5
                   MR. VERHOEVEN: Go to DX Demo 55.
 6
                      RECROSS-EXAMINATION
 7
   BY MR. VERHOEVEN:
 8
             Very briefly, Dr. Rhyne, and I'll be done.
        Q.
9
   So we were just talking about the clicking on the ads.
10
        Α.
             Yes, sir.
             Or Mr. Fenster was, right?
11
        0.
12
        Α.
             (No response.)
13
             Do you remember this picture I showed you on
        0.
14
   cross?
15
             I think so.
        Α.
16
             Okay. This is what happens when you get
   search results back, right?
17
18
        Α.
             Yes.
19
        Q.
             You get a screen like this?
20
        Α.
             Yes.
21
             Okay. From my client, Google, right?
        Q.
22
        Α.
             Yes.
23
             And here's where the ads are?
        Q.
24
        Α.
             Yes.
25
             And you agree that if I'm a user and I click
        Q.
```

```
on this ad, that's an interactive electronic message,
1
  right?
2
3
        Α.
             Yes.
             That's not an infringing act, is it, sir?
4
5
             Well, if I under --
        Α.
             Can you answer that yes or no, sir?
6
        Q.
7
                  MR. FENSTER: Your Honor --
8
             (By Mr. Verhoeven) Clicking -- clicking on
        Q.
   this ad is not an infringing act under any claim of the
10
   '947 patent, correct? Yes or no.
        A. I'm trying -- there's a lot of nos in there.
11
12
  I think the answer is yes.
13
                  MR. VERHOEVEN: No further questions.
14
                      RECROSS-EXAMINATION
15
  BY MR. ROOKLIDGE:
16
        Q. Dr. Rhyne, I think you and I both agree that
   the term -- phrase, electronic message, is a very broad
17
18
  term.
19
             I have not tried to describe any particularly
20
  narrow term on it, given such things as the teaching in
21
  the patent.
22
        Q. Right. Now, the patent's preferred
  embodiment, that -- it has a lot of disclosure about how
23
24
  to handle is e-mails, correct?
25
        A. Yes.
```

- Q. And it has this -- this little section here that mentions other types of electronic messages within the scope of the invention, correct?
 - A. Yes.

2

3

4

9

- Q. And the scope of the invention is dictated by the claims, right?
 - A. From a legal point of view, as I understand the process, is each claim defines a scope of an invention.
 - Q. That's correct. And the -- we agree.
- 11 A. Thank you.
- Q. And the claims that are involved in this case use the phrase electronic message rather than e-mail, correct?
- 15 A. Yes.
- Q. Okay. And we've got this passage here about
 the electronic messages, preferably an e-mail message in
 ASCII text data format, as being understood that the
 invention is not so limited. Indeed, the electronic
 message may take on a variety of data formats, including
 digital formats, voice data, dual tone multifrequency
 tones, and the like.
- And then it goes on in a short passage in the
 patent to talk about how you would apply this message to
 voice data, right, voicemail?

- A. I don't remember that. I haven't looked at
- 2 that paragraph --

4

- Q. Okay.
- A. -- passage in a while.
- Q. Is there any discussion in the patents
 anywhere about how you take this e-mail system that's
 the preferred embodiment, and you adapt it to make it
 work with television broadcasts?
 - A. I don't recall any, if there is.
- Q. Is there any discussion in the patent of how to take this preferred embodiment e-mail system and teach one of ordinary skill in the art how to adapt it to satellite signals?
- A. I don't remember a specific citation to satellite signal.
- 16 Q. Morse Code?
- A. You asked me that earlier, and I said I don't remember the context in which Morse Code has arisen.
- Q. Is there any teaching of how to take this
 preferred embodiment e-mail system and adapt it so it
 will work with http messages?
- A. I think it's much closer to that than, say,

 Morse Code.
- Q. Is there any teaching in the '947 patent about how to take the preferred embodiment, which is an e-mail

```
processing system, and adapt it so it can work with
1
2
  search queries?
3
        A. I don't believe that -- that -- somebody asked
  me whether search queries were mentioned, and I don't
5
  recall ever seeing that at all.
             Is there any teaching within the confines of
6
  the '947 patent about how to take this preferred
  embodiment e-mail system and adapt it to make it into a
9
   search engine or an engine that will return search ads?
10
             I don't recall that as an -- as an example.
   It seems to me, the only preferred embodiment was the
11
12
  e-mail system.
13
                  MR. ROOKLIDGE: No further questions.
14
                  THE COURT: Mr. Fenster?
15
                  MR. FENSTER: Your Honor, I was really
16
  ready to excuse the witness, but...
17
                     REDIRECT EXAMINATION
18
   BY MR. FENSTER:
19
            Dr. Rhyne, are you familiar with the level of
20
   a person of ordinary skill in the art as applied to this
21
  patent?
22
             There have been some variances as to which
        Α.
23
   each of the experts have stated it, but, generally, I
24
   am.
```

And do you have an opinion as to whether one

```
of skill in the art would have understood that the
  patent fully supports the inventions disclosed in the
  asserted claims?
 3
        A. Yes.
 4
 5
                  MR. FENSTER: Your Honor, I have no
 6
  further questions.
                  MR. VERHOEVEN: Nothing further from
 8
   Google.
 9
                  MR. ROOKLIDGE: Nothing further from
10
  Yahoo!, Your Honor.
11
                  THE COURT: Okay. Step down, Dr. Rhyne.
12
                  THE WITNESS: Thank you.
13
                  THE COURT: Who will be your next
  rebuttal witness?
14
15
                  MR. FENSTER: Your Honor, I'm very
16
  pleased to report that Bright Response would rest.
17
                  THE COURT: Okay. You close?
18
                  MR. FENSTER: Yes, we do, Your Honor.
19
                  THE COURT: Defendant close?
20
                  MR. VERHOEVEN: Yes, Your Honor.
21
                  MR. ROOKLIDGE: Yes, Your Honor.
22
                  THE COURT: All right. Ladies and
23
   Gentlemen, we're at a milestone. All the evidence is
   now in.
24
25
                  I've got some matters to take up with the
```

```
lawyers this afternoon. The staff and I have been
 1
 2
   working on the Court's instructions, and we will hear
  final arguments starting at 8:30 in the morning, and
 3
  you'll get the Court's Charge.
 5
                  I suggested to you yesterday that I'm
  available to stay if you want to begin your
 6
   deliberations tomorrow. All I'm trying to tell you is
   that after you get the Court's final instructions,
   you're in charge of your own schedule.
10
                  If you want to work part of the day
   tomorrow, that's fine. If you want to work a full day,
11
12
  that's fine. If you want to go back to your families
13
   for the weekend, that's fine, too, and we'll just pick
   up with deliberations on Monday morning.
14
15
                  So that's -- I'm just -- the schedule is
16
   up to you.
              Just let me know sometime tomorrow morning,
17
   after the case is submitted to you, what you wish to do,
18
   okay?
19
                  Thank y'all. Please remember my
20
   instructions, and don't talk about the case.
21
                  LAW CLERK: All rise.
22
                  (Jury out.)
2.3
                  THE COURT: All right. Y'all have a
24
   seat.
25
                  I've distributed to you a Court's first
```

```
draft of the jury instructions and verdict form.
 1
 2
   have a delegation downstairs in about 15 minutes to have
   a Charge -- an informal Charge conference?
 3
                  MR. VERHOEVEN: Yes, Your Honor.
 4
 5
                  MR. SPANGLER: Yes, Your Honor.
                  THE COURT: We'll do that, and what we'll
 6
   do is -- my procedure will be to hear you in chambers on
   what your concerns are. We'll -- we may make some
9
   revisions to the Charge after we visit in chambers, and
10
   I'll have my clerks e-mail you a copy this evening.
   That will be the one that most likely -- unless I hear
11
12
   something in the morning that really causes me some
13
   concern, that will be the one you need to plan on me
14
   using.
15
                  I will -- you know, you can use copies of
16
   the Charge in your final arguments. You can use the
   verdict form. You can tell the jury how you think they
17
   ought to answer the questions. All that's permissible
18
19
   with me.
20
                  You can make blowup slides. I don't
21
   care.
          It doesn't matter to me. But just bear in mind
   that the copy you get this evening will probably be the
22
   final copy that will be submitted to the jury.
23
24
                  MR. FENSTER: Your Honor?
25
                  THE COURT: Yes.
```

```
1
                  MR. FENSTER: One inquiry, and I
2
   apologize if we already addressed this at the pretrial.
  Have we gotten timings for closing?
3
                  THE COURT: I didn't address it at the
4
5
              My -- I was going to give 40 minutes to the
  pretrial.
  Plaintiff, 20 to Google, and 15 to Yahoo! in accordance
6
  with my prior order.
8
                  MR. FENSTER: Thank you, Your Honor.
9
                  MR. VERHOEVEN: Google would request 30.
10
   It's going to be awful hard for me to do closing in just
   20 minutes, Your Honor.
11
                  THE COURT: I'll think about it.
12
13
                  MR. VERHOEVEN: Thank you, Your Honor.
14
                  THE COURT: I'm not going to -- the
15
   Plaintiff's got a burden against both Defendants, so
16
   whatever time I'm giving the Defendants collectively,
17
   I'm going to give the Plaintiff the same amount of time.
18
                  MR. VERHOEVEN: That's fine with us, Your
19
   Honor.
20
                  THE COURT: Well, I gathered that.
21
                  MR. ROOKLIDGE: Your Honor,
   correspondingly, Yahoo! would request 22-1/2 minutes.
22
2.3
                  MR. VERHOEVEN: And one final --
24
                  THE COURT: Then get some math performed.
25
                  MR. VERHOEVEN: I'm sorry. One final
```

```
Did you say we should stick around also for
1
  thing.
   argument? We had a side-bar, and I wasn't sure.
2
3
                  THE COURT: Oh, for motions for judgment
   as a matter of law?
4
5
                  MR. VERHOEVEN: Yeah. Is that tonight
6
   or --
7
                  THE COURT: Well, I would prefer to do it
8
  at 8:00 in the morning in conjunction with the final
   Charge objections. You're going to know what I'm going
10
  to submit to the jury by then.
                  And I would -- I'm not going to entertain
11
12
   another hour-and-a-half of argument on motions for
13
   judgment as a matter of law. I will allow you to
  present short arguments, and I'll grant leave to both
14
  parties -- both sides, rather, to more fully elaborate
15
   on those in written submissions.
16
17
                  MR. FENSTER: And, Your Honor, when would
   you like to hear JMOLS from Plaintiff?
18
19
                  THE COURT: At the same time.
20
                  MR. FENSTER: At 8:00 o'clock.
21
                  THE COURT: At the same time. I mean,
22
   it's -- you know, you can -- as long as you fairly state
  the grounds on which you're moving, I'm okay with
23
   allowing you to supplement it in writing. What I don't
24
25
  want to get is, when I see the written materials, it
```

```
includes completely new grounds, okay?
 1
 2
                  MR. VERHOEVEN: Understood, Your Honor.
 3
                  THE COURT: All right. I'll see you
   downstairs in 15 minutes.
 4
 5
                  LAW CLERK: All rise.
 6
                  (Court adjourned.)
 7
 8
9
                         CERTIFICATION
10
11
                 I HEREBY CERTIFY that the foregoing is a
  true and correct transcript from the stenographic notes
   of the proceedings in the above-entitled matter to the
13
  best of my ability.
14
15
16
17
   /s/__
   SUSAN SIMMONS, CSR
                                         Date
  Official Court Reporter
   State of Texas No.: 267
20 Expiration Date: 12/31/10
21
22
23
   /s/__
   JUDITH WERLINGER, CSR
                                             Date
24 Deputy Official Court Reporter
   State of Texas No.: 731
25 Expiration Date: 12/31/10
```